Part			EUROSENSORS 2018 - Tentative Pro	gram			
		EUROSENSORS Welcome Reception - Sunday 9 September 2018					
Signature of the control of the cont	18:00-20:30		Welcome Reception - University of Graz – A	ULA, Universitätsplatz 3 (1st floor), 8010 Graz			
Signature of the control of the cont		EUROSENSORS Program - Monday 10 September 2018					
Series of the control	9:00-9:30	EUROSENSORS Program - Monday 10 Septem		Ceremony			
Second Process	9:30-10:15						
Signature of the second		Thong Lin WANG					
Property of the content of the con	10:15-11:00	Sense and Sensibility in Robots					
Harmonia (Marie Marie Ma	11:00-11:30		Coffee	e Break			
Service of the control of the contro					ROOM 15.05		
Part					Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7296		
Marie Montre Marie	11:30-11:50	Heat Flow Measurement by a Force and Thermal Sensor Stick for Robots with a Nerve-Net LSI Chip	The Tempature Dependent Interaction of Wo3 Sensors with Humidity	More Than Random Walk: Cell Motility Based Sensor on to Evaluate the Drug Efficacy	An Inductively Coupled Biodegradeable Capacitive Pressure Sensor		
Series of Series	11:50-12:10	Richard HOPPER	Eduard LLOBET	Salvatore SURDO	Ozan ERTOP		
Marie		Membrane	Iridium Oxide nanoparticles	Investigation	Gated Field Effect Transistor (WG-FET)		
Hearing to the content of the conten	12:10-12:30	Daniel KOTSCHATE	Guillem DOMÈNECH-GIL	Tanzir AHMED	Alessandro NASTRO		
Mate		Micro Hollow-Cathode Discharges As Acoustic Source	for Electronics Nose Applications	Analysis of Molecular Transport Using parylene Coated Chips	A Current-Mode Transimpedance Amplifier for Capacitive Sensors		
Services of the control of the contr	12:30-14:00	Actuators MEMS and NEMS					
			·		r resociective, Diciective, capacitive and magnetic sensors		
Amount	14:00-14:20	Clamping and Q-Factor Improvement in a Carbon Nanotube	Silicon Microcantilevers with ZnO Nanorods/Chitosan-SAMs		Integration of microresonant Sensor Into a Microfluidic Platform		
March 1971				Film Photodiodes for Real Time Monitoring of DANN Detection	Condition		
Migratury Migr	14:20-14:40		Anmona Shabnam PRANTI	Jorge Enrique PRADA ROJAS	Aurelien MAZZAMURRO		
Act 1980		MEMS Resonators	Temperature Distribution and Low Power Consumption for Long- Term Stable Operation	Microfluidic Biosenor	Using Multilayered TbCo2/FeCo Thin Film		
1.		Carlo TRIGONA	Manohar Prasad BHANDARI	Gregor SCHOLZ	Habiba BEGUM		
Property of the Comment of the Property o	14:40-15:00				Self-Sustaining Square-Extensional Mode Resonator Oscillator for Mass Sensing in Liquid		
Section Sect							
March Marc	15:00-15:20	Study of Electrostatic Actuator Voltage Reduction with a Tri- Electrode Actuator with Varying Pull-Down Voltage	Novel Methodology Based on Thick Film Gas Sensors to Monitor	Surface functionalization of SU-8 Vertical Waveguide for bio-	Low-Pressure Small MEMS Accelerometer Using Sigma-Delta		
Second Continued Date 10 Private Member 2018 Continued Tak - 0.713 Continued Tak - 0.713 Continued Tak - 0.713 Continued Tak - 0.714 Continued Tak - 0.714 Continued Tak - 0.715 Con	15:20 15:40						
Ask	15:20-15:40						
Execution Exec			An Lea Platform for Wilcropower Gas Sensors	FAIMS Analysis of Urinary Volatiles to Diagnose Coellac Disease			
EUROSENSORS Program - Tuesday 11 September 2018 Puttury Tail Counting (Implier - 2) Rev Technology for the Information Age September 2018 Puttury Tail Counting (Implier - 2) Rev Technology for the Information Age September 2018 ROM 15.04		Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON	Contributed Talk - ID 7304 Larisa LVOVA	Contributed Talk - ID 7414 Julia KÖRNER	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE		
Page	15:40-16:00	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development	Contributed Talk - ID 7414 Julia KÖRNER	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to		
Person Table		Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to		
Person Table	16:00-16:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications e Break	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to		
Rainer BLATT ROWI 15.04 ROWI 15.05 ROWI 15.04 ROWI 15.05 ROWING and Microphilish for Sensing and Actuation of Curb burst Fish. P. D. 1710 Rowing Plants of Contributed Fish. P. D. 1711 Rowing Plants of Co	16:00-16:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications e Break	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to		
Advanced Functional Materials for Sensing and Actuating Contributed Tails - 10 T22 Contributed Tails -	16:00-16:30 16:30-18:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cui lons in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster	Contributed Talk - ID 7414 Julis KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications e Break	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to		
Section Procession Proces	16:00-16:30 16:30-18:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications e Break Session	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas		
Contributed Tail - 10 781	16:00-16:30 16:30-18:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Mikrofluids	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors		
10-20-10-10-10-10-10-10-10-10-10-10-10-10-10	16:30-16:30 16:30-18:30 9:00:9:45	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW	Microsensors on Buckled Dophragms Contributed Talk - ID 7460 Maria Assurta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY		
Polymer Membranes Poly	16:30-16:30 16:30-18:30 9:00:9:45	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Broak Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Biolinspired Holin-Like Microstructures	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Plezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quart Tuning Foxt		
Advanced Functional Materials for Sensing and Actuating Contributed Talk - 1D 7569 Contributed Talk - 1D 7255 Marco DelluicA Epineco of Cynadillow Texture on the Piecoelectric Properties of High-Performance Coramic Actuators Contributed Talk - 1D 7255 Land DelluicA Exist Piecoresistive Pressure Sensors Mode by Loser Engraved Moreo Balk Andread Moreo Balk Andread Advanced Superconduction Nanowire Single Photon Detectory for Properties of Photon Contributed Talk - 1D 7551 Invited Talk - 1D 7555 Invited Talk - 1D 7551 Invited Talk - 1D 7551 Invited Talk - 1D 7551 Contributed Talk - 1D 7554 Contribu	16:00-16:30 16:30-18:30 9:00-9:45	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitostan Contributed Talk - ID 7381 Thorsten GRAUNKE	Contributed Talk - ID 7304 Larisa LVOVA Crown-Parphyrin Ligand for Optical Sensors Development Coffe Poster ABOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photococusts Spectroscopy Based Gas Sensor with a Custom Quartz Tuling Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI		
Contributed Talk - ID 7069 Arjen BOERMA Aljen BOERMA Alje	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffe Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Febrication of Sn02 Flexible Sensor by Inkjet Printing Technology	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hoir-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monoloyer Functioning As a Ph Actuator	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photococcustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Emiliano ZAMPETTI Emiliano ZAMPETTI Emiliano ZAMPETTI Emiliano ZAMPETTI Enthe Contributed Talk - ID 7444		
Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter- professory Contributed Talk - ID 7480 Contributed Talk - ID 7469 Marco BELICA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators Invited Talk - ID 7575 Invited Talk - ID 7581 Roal-14:09 Advanced Superconducting Manawise Single Photon Detectors for Photonic Sensors and Quantum Sensors Chemical Sensors and Sensors for fool Industry Advanced Superconducting Manawise Single Photon Detectors for Photonic Sensors Multi-Model Transducers of Cellular Photonic Quantum Technologies Contributed Talk - ID 7581 Roal-14:00-14:30 Advanced Superconducting Manawise Single Photon Detectors for Organic Electronic Devices As Multi-Model Transducers of Cellular Photonic Sensors, Devices and Multi-Model Transducers of Cellular Photonic Sensors and Design-for-Management Sensors in Austria Contributed Talk - ID 7582 Contributed Talk	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chilosan Contributed Talk - ID 7381 Thorsten GRAUNKE Thorsten GRAUNKE Thorsten GRAUNKE	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKSISHNAN Redox Active Self-Assembled Monoloyer Functioning As a Ph Actuator	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliana ZAMPETTI Use of OCMs with Modulation of Driving Force to Discriminate Particulates Size		
Contributed Talk - ID 7480 Linus GROTEN The mid Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Time for Application on a Mobile Robot Contributed Talk - ID 7204 Time for Application on a Mobile Robot Time for Application on a Mobile Robot Contributed Talk - ID 7469 Applications Contributed Talk - ID 7469 Applications Contributed Talk - ID 7469 Applications Contributed Talk - ID 7469 Contributed Talk - ID 7463 Applications C	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detect Continuously Cu Ions in Surface Water Detect Continuously Cu Ions in Surface Water Continuously Cu Ions In Surface Contributed Talk - ID 7112 Dewen ZHANG Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7235	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photococoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Use of QCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446		
11:30-11:30 Seective Piero or Pyrolectric Sensing Contributed Talk - 10 7469 Contributed Talk - 10 7463 Marco DELUCA Injuner of Cystalline Texture on the Piezoelectric Properties of High-Performance Ceromic Actuators Photonic Sensors and Quantum Sensors Invited Talk - 10 759 Advanced Superconducting Manowire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - 10 7581 Roisi M. OWENS Advanced Superconducting Manowire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - 10 7581 Roisi M. OWENS Activity Contributed Talk - 10 7542 Contributed Talk - 10 7582 Contributed Talk - 10 7581 Roisi M. OWENS Plant Development of Micropatics Sensors Mode Instituted Talk - 10 7581 Invited Talk - 10 7576 Invited Talk - 10 7581 Roisi M. OWENS Advanced Superconducting Manowire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - 10 7543 Contributed Talk - 10 7581 Roisi M. OWENS Activity Contributed Talk - 10 7542 Contributed Talk - 10 7542 Contributed Talk - 10 7576 Invited Talk - 10 7582 Contributed Talk - 10 7576 Invited Talk - 10 7576 Invited Talk - 10 7576 Invited Talk - 10 7582 Contributed Talk - 10 7583 Contributed Talk - 10 7584 Contributed Talk - 10 7582 Contributed Talk - 10 7584 Contributed Talk - 10 7584 Contributed Talk - 10 7585 Invited	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detect Continuously Cu Ions in Surface Water Metal Oxide to Detect Continuously Cu Ions in Surface Water Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERTIER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Colfee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7235 Arjen BOERSMA	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monolayer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhances Contributed Talk - ID 7444 Emiliano ZAMPETTI Use of CCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7444 Emiliano ZAMPETTI Use of CCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended		
Contributed Talk - ID 7469 Alay Girl Prakash KOTTAPALU MEMS Biominetic Superficial and Conal Neuromosts for Flow Sensor Array Based on Phthalocyanines Functional Procure of Gas Sensor Array Based on Phthalocyanines Procus Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7232 Contributed Talk - ID 7232 Contributed Talk - ID 7452 12:10-12:30 Marco BELLCA Alfapence of Cystalline Texture on the Piezoelectric Properties of Management Manage	16:30-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detect Continuously Cu Ions in Surface Water Continuously Continuously Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chiosan Contributed Talk - ID 7381 Thorsten GRAUNKE Thorsten GRAUNKE Thorsten GRAUNKE Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERITER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development College Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Con Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hini-Like Microstructures Contributed Talk - ID 7514 Divya BALAKISHNAN Redox Active Self-Assembled Monologyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DVQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Level GCMS with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetomater Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetomater Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236		
11:50-12:30 MEMS Blamimetic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7232 Contributed Talk - ID 7232 Marco DEUCA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceromic Actuators Modeling Planar Fluxgate Structures Modeling Planar Fluxgate Structures Modeling Planar Fluxgate Structures Michael ORTNER Modeling Planar Fluxgate Structures Michael ORTNER Modeling Planar Fluxgate Structures Michael ORTNER Modeling Planar Fluxgate Structures Modeling	16:30-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chiloson Contributed Talk - ID 7381 Thorsten GRAUNKE Thorsten GRAUNKE Thorsten GRAUNKE Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Thorsten GRAUNKE Contributed Talk - ID 7381 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7059 Pierre LHERITER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter- Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Printed PVDF-TrFE-co-PbTiO3/BNT Nanocomposite for	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development College Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real-	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Break Session ROOM 15.04 Biofmedical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hini-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DVQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Level GCMS with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7436		
Sensing Functionalized TiO2/ZnO Heterojunction Thin Films Applications Ap	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Oxide to Detect Continuously Cu Ions in Surface Water Oxide to Detect Continuously Cu Ions in Surface Water Oxide Continuously Cu Ions Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERITER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Printed PVDF-TirF-co-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of Sn02 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yusin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Biofmedical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monologer Functioning As a Ph Actuator Break Biofmedical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Emiliano ZAMPETTI Live of CAMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetic Talk - ID 7446 Furing Fork Resonator Contributed Talk - ID 7446 Furing Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Porticles in Liquids		
12:10-12:30 Marco DEUCA Influence of Crystalline Texture on the Piezoelectric Properties of Array of MOX Nanowires Gas Sensors for Wastewater E-Skin Piezoresistive Pressure Sensors Mode by Laser Engrave Modeling Planar Fluxgate Structures Modeling	16:30-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:10-11:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detection of the Surface Water Su	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7185 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Biolinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7518 Laura ROUKENTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUERT Bio-Impedance Non Contract Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUERT	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photococoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Emiliano ZAMPETTI Sue of QCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7444 Emiliano ZAMPETTI Lang for Ke with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7456 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning fork Resonator Contributed Talk - ID 7236 Florian PATOCIA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER		
High-Performance Cerumic Actuators Management Molds 12:30-14:00 Photonic Sensors and Quantum Sensors Chemical Sensors and Sensors for Food Industry Bio(medical) Sensors, Devices and Microfiluids Plezoelectric, Capacitive and Magnetic Sensor Invited Talk - ID 7575 Invited Talk - ID 7581 Invited Talk - ID 7576 Invited Talk - ID 7576 14:00-14:30 Advanced Superconducting Nanowine Single Photon Detectors for Photonic Quantum Technologies Organic Electronic Devices As Multi-Modal Transducers of Cellular Activity Activity Print-of-Use Testing Towards High-Technology-Readiness Levels - a Plugform-Based Design for Microfiluids Solutions for Bioanalytical Photonic Quantum Technologies Contributed Talk - ID 7364 Contributed Talk - ID 7314 Contributed Talk - ID 7342 Contributed Talk - ID 7342 Contributed Talk - ID 7342	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:10-11:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Finted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chiloson Contributed Talk - ID 7381 Thorsten GRAUNKE Thorsten GRAUNKE Thorsten GRAUNKE Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Thorsten GRAUNKE Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-TrFE-co-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7469 Ajay Girl Prakash KOTTAPALLI MEMS Biominieties Superficial and Canal Neuromasts for Flow MEMS Biominieties Superficial and Canal Neuromasts for Flow	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development College Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7185 Marc BENDAHAN How the Chamber Design Con Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of Sn02 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOEKSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bondwidth Gas Sensor Array in Real-Time for Application on a Mobile Robot Corrado DI NATALE Corrado DI NATALE Development of Gas Sensor Array Based on Phthalocyanines	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Break Session ROOM 15.04 Biofmedical Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Life Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redex Active Self-Assembled Monologyer Functioning As a Ph Actuator Break Biofmedical) Sensors, Devices and Microfluids Contributed Talk - ID 7538 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Controt Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porcus Folymer Based Flexible Pressure Sensors for Medical	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliana ZAMPETTI Live of QCMs with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MCREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiametric Magnetic Sensor System for Stroy-Field-Immune		
Photonic Sensors and Quantum Sensors Invited Talk - ID 7575 Jean-Michel GÉRARD Advanced Superconducting Nanouvire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - 7071 Contributed Talk - 1D 7586 Sensor and Quantum Sensors and Quantum Sensors or Food Industry Bio(medical) Sensors, Devices and Microfiluids Plezoelectric, Delectric, Capacitive and Magnetic Sensor Invited Talk - ID 7581 Invited Talk - ID 7581 Jean-Michel GÉRARD Advanced Superconducting Nanouvire Single Photon Detectors for Organic Electronic Devices As Multi-Modal Transducers of Cellular Photonic Quantum Technologies Contributed Talk - 1D 7581 Contributed Talk - ID 7585 Plezoelectric, Delectric, Capacitive and Magnetic Sensor Invited Talk - ID 7583 Werner MAGNES Development of Space Magnetometers in Austria Photonic Quantum Technology-Readiness Levels a Platform-Based Design-for-Manufacture Approach Contributed Talk - ID 7344 Contributed Talk - ID 7348 Contributed Talk - ID 7348	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:10-11:30 11:50-12:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water and Metal Oxide to Detect Continuously Cu Ions in Surface Water Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Contributed Talk - ID 7069 Pierre LHERITER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-TFE-Co-PDTIO3/RNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7489 Ajay Girl Prakash KOTTAPALLI MEMS Biominietic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7322	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7289 Contributed Talk - ID 7285 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE Development of Sensors Array Based on Phtholocyonines Functionalized TiO2/ZnO Heterojunction Thin Films Contributed Talk - ID 7402	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redaw Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Pierre-Yves JOUBERT Forous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463	Microsensors on Buckled Daphragms Contributed Talk - ID 7460 Maria Assunts SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz chinanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Ininiag Fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Use of QCMS with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Condimentic Magnetic Sensor System for Stray-Field-Immune Rotary Position Sensing in Harsh Environment Contributed Talk - ID 7175		
Invited Talk - ID 7575 Invited Talk - ID 7581 Invited Talk - ID 7581 Invited Talk - ID 7583 Jean-Michel GÉRARD 14:00-14:20 Advanced Superconducting Nanowire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - ID 7581 Invited Talk - ID 7585 I	16:00-16:30 16:30-18:30 9:00:9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:10-11:30 11:50-12:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Printed F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detect Talk - ID 7182 EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2tANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chilosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERITER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Printed PVDF-TrFE-to-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7469 Alay Girl Prakash KOTTAPALU MEMS Biomimetic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7232 Marco DELUCA Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalline Texture on the Piezoelectric Properties of Influence of Crystalli	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7289 Contributed Talk - ID 7285 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATIALE Development of Gas Sensor Array Based on Phtholocyanines Functionalized TiO2/ZnO Heterojunction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELO Array of MOX Nanowiers Gas Sensors for Wastewater	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Biolimedical Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hoi-Like Microstructures Contributed Talk - ID 7514 Divya BALAKSISHNAN Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porcus Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rui IGREIA E-Skin Piezoresistive Pressure Sensors Made by Laser Engraved	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assurta SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Poncreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoeocousts Spectroscopy Bassed Gas Sensor with a Custom Quartz Tuning fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Sue of QCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequeny Modulated Magnetometer Using a Double-Ended Tuning fork Resonator Contributed Talk - ID 7236 Florian PATOCIA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiametric Magnetic Sensor System for Stray-Field-Immune Rotory Position Sensing in Harsh Environment Contributed Talk - ID 7175 Michael ORTNER		
Jean-Michel GÉRARD Jean-Michel GÉRARD Advanced Superconducting Nanowire Single Photon Detectors for Photonic Quantum Technologies Contributed Talk - 7071 Contributed Talk - 1D 7354 Roisin M. OWENS Jens DUCRÉ Jens DUCRE Jens DU	16:00-16:30 16:30-18:30 9:00-9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:30-11:50 11:50-12:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detection of the Surface Water Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards on Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Thorsten GRAUNKE Towards on Empirical Model for the Prediction of the Selectivity of Polymer Membranes Contributed Talk - ID 7069 Pierre LHERTIER Actuation Efficiency of Polyvinylidene Flueride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-Trife-co-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7489 Alay Girl Prakash KOTTAPALU MEMS Biominietic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7232 Marco DELUCA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7235 Vaxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE Development of Gas Sensor Array Bassed on Phthalocyanines Functionalized Tio 10/270 Heterojunction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELO Array of MOX Nanowires Gas Sensors for Wastewater Management	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hoir-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redian Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOUKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rui IGREIA E-Skin Piezroesistive Pressure Sensors Mode by Laser Engraved Molds	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assurta SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Poncreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoeocousts Spectroscopy Bassed Gas Sensor with a Custom Quartz Tuning fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Sue of QCMs with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequeny Modulated Magnetometer Using a Double-Ended Tuning fork Resonator Contributed Talk - ID 7236 Florian PATOCIA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiametric Magnetic Sensor System for Stray-Field-Immune Rotory Position Sensing in Harsh Environment Contributed Talk - ID 7175 Michael ORTNER		
Photonic Quantum Technologies Activity "Point-of-Use" Testing Towards High-Technology-Readiness Levels - a Platform-Based Design-for-Manufacture Approach Contributed Talk - 1071 Contributed Talk - ID 7164 Contributed Talk - ID 7482 Contributed Talk - ID 7374	16:00-16:30 16:30-18:30 9:00-9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:30-11:50 11:50-12:10	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detection of the Continuously Cu Ions in Surface Water Detection of the Continuously Cu Ions in Surface Water Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERITER Advanced Fince of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Friende PVDF-TrFE-co-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7489 Ajay Girl Prakash KOTTAPALU MEMS Biominietic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7322 Marco DELUCA Influence of Cystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators Photonic Sensors and Quantum Sensors	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for food Industry Contributed Talk - ID 7365 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Coffee Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7235 Arjen BOEKSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7235 Arjen BOEKSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE Development of Gas Sensor Array Based on Phthalocyonines Functionalized TiOZ/ZDO Heteropinction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELO Array of MOX Nanowires Gas Sensors for Wostewater Management Lunch Chemical Sensors and Sensors for Food Industry	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Break Session ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Biolinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monolayer Functioning As a Ph Actuator By Peak Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Elected Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rui GREIA E-Skin Piezoresistive Pressure Sensors Mode by Loser Engraved Molds Break Bio(medical) Sensors, Devices and Microfluids	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to integrate Into an Artifical Poncreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photococoustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning Fork Contributed Talk - ID 7444 Emiliano ZAMPET: Buffer of CEMS with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Trequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiometric Magnetic Sensor System for Stray-Field-immune Rotary Position Sensing in Narsh Environment Contributed Talk - ID 7175 Michael ORTNER Modeling Planor Fluxgate Structures Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Plezoelectric, Dielectric, Capacitive and Magnetic Sensors		
Contributed Talk - 10 711 Contributed Talk - ID 7164 Contributed Talk - ID 7482 Contributed Talk - ID 7374	16:30-16:30 9:00-9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:30-11:50 11:50-12:10 12:10-12:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detection of the Contributed Talk - ID 7184 EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen 2HANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards on Empirical Model for the Prediction of the Selectivity of Polymer Membrones Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERTIER Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-Triff-co-PbTiO3/BNT Nanocomposite for Selective Pieco- or Pyroelectric Sensing Contributed Talk - ID 7489 Ajay Girl Prakash KOTTAPALU MEMS Biominietic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7322 Marco DELUCA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators Invited Talk - ID 7575 Jean-Michel GÉRARD	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development College Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7235 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real-Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE Development of Gas Sensor Array Based on Phthalocyanines Functionalized TiO2/ZnO Heterojunction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELO Array of MOX Nonowires Gas Sensors for Wastewater Management Lunci Chemical Sensors and Sensors for Food Industry Invited Talk - ID 7581 Roisin M. OWENS	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Biofmedical Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKSISHNAN Reden Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7058 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7104 Pierre-Yves JOUBERT Porcus Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rui IGREIA E-Skin Piezoresistive Pressure Sensors Made by Laser Engraved Molds Invited Talk - ID 7576 Jens DUCRÉE	Maria Assunta SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Inning Fork Contributed Talk - ID 7044 Emiliana CZMPETTI Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7444 Emiliana CZMPETTI Live of OCMs with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiometric Magnetic Sensor System for Stray-Field-Immune Rotary Position Sensing in Harsh Environment Contributed Talk - ID 7175 Michael ORTNER Modeling Planar Fluxgate Structures Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Invited Talk - ID 7383 Werner MAGNES		
Banafsheh ABASAHL Eduardo Joao SILVA BRÁS Martin SMOLKA Julia KÖRNER	16:30-16:30 9:00-9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:30-11:50 11:50-12:10 12:10-12:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water Detection of the Contributed Talk - ID 7187 EUROSENSORS Program - Tuesday 11 Septem Plenary Talk Quantum Computer - a New Technology for the Information Age Rainer BLATT ROOM 15.02 Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7381 Thorsten GRAUNKE Contributed Talk - ID 7381 Thorsten GRAUNKE Contributed Talk - ID 7099 Pierre LHERITER Actuation Ifficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-TrE-Co-PDTIO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7469 Alay Girl Prakash KOTTAPALU MEMS Biomimetic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7322 Marco DELUCA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators Invited Talk - ID 7575 Jean-Michel GÉRARD Jean-Michel GÉRARD	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Coffee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7155 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of SnO2 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7289 Omar KASSEM Contributed Talk - ID 7289 Contributed Talk - ID 7289 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7466 Corrado DI NATALE Development of Gas Sensor Array Based on Phtholocyonines Functionalized TiO2/ZnO Heterojunction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELO Array of MOX Nanowires Gas Sensors for Wostewater Management Lunci Chemical Sensors and Sensors for Food Industry Invited Talk - ID 7581 Roisin M. OWENS Organic Electronic Devices As Multi-Modal Transducers of Cellular	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydragels in Biomedical Applications Biofmedical Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Bioinspired Hini-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redex Active Self-Assembled Monoloyer Functioning As a Ph Actuator Break Biofmedical) Sensors, Devices and Microfluids Contributed Talk - ID 7518 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Bio-Impedance Non Contact Sensor for the Characterization of Burn Depth in Organic Tissues Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rul IGREIA E-Skin Piezoresistive Pressure Sensors Made by Laser Engraved Molds Biofmedical) Sensors, Devices and Microfluids Invited Talk - ID 7576 Jens DUCRÉE Efficient Development of Microfluidic Solutions for Bioanalytical Filicient Term Towards High-Technology-Readiness Levels-	Maria Assunta SIGNORE Fabrication of AIN-Bassed Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Enhanced Photoacoustic Spectroscopy Based Gas Sensor with a Custom Quartz Inning Fork Contributed Talk - ID 7044 Emiliana CZMPETTI Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7444 Emiliana CZMPETTI Live of OCMs with Modulation of Driving Force to Discriminate Particulates Size Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetometer Using a Double-Ended Tuning Fork Resonator Contributed Talk - ID 7236 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiometric Magnetic Sensor System for Stray-Field-Immune Rotary Position Sensing in Harsh Environment Contributed Talk - ID 7175 Michael ORTNER Modeling Planar Fluxgate Structures Plezoelectric, Dielectric, Capacitive and Magnetic Sensors Invited Talk - ID 7383 Werner MAGNES		
	16:30-16:30 9:00-9:45 10:00-10:20 10:20-10:40 10:40-11:10 11:30-11:50 11:50-12:10 12:10-12:30	Chip for Heavy Metals Detection Contributed Talk - ID 7173 Alex MASON Screen Frinted F-Em Sensors Based on Two Chelating-Polymers and a Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide to Detect Continuously Cu Ions in Surface Water of Metal Oxide Continuously Cu Ions in Surface Water of Metal Oxide Continuously Contributed Talk - ID 7112 Dewen ZHANG Photoelectrochemical Imaging Using Carbon Dots (CDs) Derived from Chitosan Contributed Talk - ID 7381 Thorsten GRAUNKE Towards an Empirical Model for the Prediction of the Selectivity of Polymer Membranes Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7069 Pierre LHERTIER Actuation Efficiency of Polyvinylidene Fluoride-Based co- and ter-Polymers Contributed Talk - ID 7480 Jonas GROTEN Screen Frinted PVDF-Trife-co-PbTiO3/BNT Nanocomposite for Selective Piezo- or Pyroelectric Sensing Contributed Talk - ID 7489 Ajay Giri Prakash KOTTAPALLI MEMS Biominimetic Superficial and Canal Neuromasts for Flow Sensing Contributed Talk - ID 7232 Marco DELUCA Influence of Crystalline Texture on the Piezoelectric Properties of High-Performance Ceramic Actuators Invited Talk - ID 7575 Jean-Michel GÉRARD Advanced Superconducting Nanowire Single Photon Detectors for Photonic Quantum Technologies	Contributed Talk - ID 7304 Larisa LVOVA Crown-Porphyrin Ligand for Optical Sensors Development Colfee Poster ROOM 15.03 Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7165 Marc BENDAHAN How the Chamber Design Can Affect Gas Sensor Responses Contributed Talk - ID 7289 Omar KASSEM Fabrication of Sn02 Flexible Sensor by Inkjet Printing Technology Contributed Talk - ID 7289 Contributed Talk - ID 7285 Arjen BOERSMA Multiparameter Sensor Array for Gas Composition Monitoring Contributed Talk - ID 7222 Yuxin XING Thermal Modulation of a High-Bandwidth Gas Sensor Array in Real- Time for Application on a Mobile Robot Contributed Talk - ID 7266 Corrado DI NATALE Development of Gas Sensor Array Based on Phthalocyanines Functionalized TiO2/ZnO Heterojunction Thin Films Contributed Talk - ID 7402 Marco ABBATANGELD Array of MOX Nanowires Gas Sensors for Wastewater Management Lunci Chemical Sensors and Sensors for Food Industry Invited Talk - ID 7581 Roisin M. OWENS Organic Electronic Devices As Multi-Modal Transducers of Cellular Activity	Contributed Talk - ID 7414 Julia KÖRNER A Sensor Platform for Smart Hydrogels in Biomedical Applications Brown For Smart Hydrogels in Biomedical Applications ROOM 15.04 Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 7047 Kean AW A Portable & Disposable Ultra-Low Velovity Flow Sensor from Biolispired Hair-Like Microstructures Contributed Talk - ID 7514 Divya BALAKRISHNAN Redox Active Self-Assembled Monoloyer Functioning As a Ph Actuator Brown Bio(medical) Sensors, Devices and Microfluids Contributed Talk - ID 758 Laura FOLKERTSMA Reference-Electrode Free Ph Sensing Using Impedance Spectroscopy Contributed Talk - ID 7114 Pierre-Yves JOUBERT Pierre-Yves JOUBERT Porous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7204 Pierre-Yves JOUBERT Porous Polymer Based Flexible Pressure Sensors for Medical Applications Contributed Talk - ID 7463 Rui IGREJA E-Skin Piezoresistive Pressure Sensors Mode by Laser Engraved Molds Invited Talk - ID 7576 Jens DUCRÉE Efficient Development of Microfluids Solutions for Bioanalytical Townst-yelly-Testing Towards-High-Technology-Readiness Levels - Platform-Based Design-for-Monufacture Approach	Microsensors on Buckled Diaphragms Contributed Talk - ID 7460 Maria Assunta SIGNORE Fabrication of AIN-Based Flexible Piezoelectric Pressure Sensor to Integrate Into an Artifical Pancreas ROOM 15.05 Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7051 Maxime DUQUESNOY Quartz Findanced Photococustic Spectroscopy Based Gas Sensor with a Custom Quartz Tuning fork Contributed Talk - ID 7444 Emiliano ZAMPETTI Les of CMSw with Modulation of Driving Force to Discriminate Particulates Size Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Contributed Talk - ID 7446 Eurico E. MOREIRA Frequency Modulated Magnetide Talk - ID 7436 Florian PATOCKA Novel MEMS Sensor for Detecting Magnetic Particles in Liquids Contributed Talk - ID 7153 Samuel HUBER A Gradiometric Magnetic Sensor System for Stray-Field-Immune Rotary Position Sensing in Harsh Environment Contributed Talk - ID 7153 Michael ORTNER Modeling Planar Fluxgate Structures Piezoelectric, Dielectric, Capacitive and Magnetic Sensors Invited Talk - ID 7758 Wener MAGNES Development of Space Magnetometers in Austria		

14:30-14:50	Narrow-Band Thermal Photonic Crystal Emitter for Mid-Infrared	Development of a Point-of-Care Platform for Plant Health	High Throughput Roll-to-Roll Production of Microfluidic Chips	Effective Sensor Properties of a Novel co-Resonant Cantilever
	Applications	Assessments: a Microfluidic Approach		Sensor Advanced Functional Materials for Sensing and Actuating
	Contributed Talk - ID 7067 Juan WANG	Contributed Talk - ID 7398 Maria MOBHAMMER	Contributed Talk - ID 7406 Martin OELLERS	Contributed Talk - ID 7045 Yuxin LIU
	Microfluidic Construction of Hierarchically Composite Superballs for Sensing Application	Flow Injection Analysis with Microdialysis Probes Enable Minimally Ivasive and Dynamic H2O2 Measurements	Novel Design of Additively Manufactured Micromixer in a microchannel Comprising Mounting and Sealing Elements	Highly Confined Love Waves Modes by Defects States in a Phononic Crystal Based on Holey-SiO2/ST-Cut Quartz Structure
	Contributed Talk - ID 7318	Contributed Talk - ID 7020	Contributed Talk - ID 7390	Contributed Talk - ID 7381
15:10-15:30	Zhi-Mei Ql Gold-Silver Alloy Film Based Colorful SPR Imaging Sensor with High Sensitivity for Quantitative Chemical and Biological Detection	Esther TANUMIHARDIA Ruthenium Oxide Ph Sensing for Organs-on-Chip Studies	Spas KOLEV Microfluidic Paper-Based Analytical Device for Arsenite Determination	Thorsten GRAUNKE A Gradiometric Magnetic Sensor System for Stray-Field-Immune Rotary Position Sensing in Harsh Environment
	Contributed Talk - ID 7273	Contributed Talk - ID 7074	Contributed Talk - ID 7238	Contributed Talk - ID 7461
15:30-15:50	Jan GÜLINK Ingan/GaN nanoLED Arrays As a Novel Illumination Source for	Inci BOEHME Understanding the Sensing Mechanism of Rh2O3 Loaded In2O3	Kerem KAYA Integration of Paper Based Electro-Osmotic Pumps to Continuous	Peter LIEBERZEIT Comparing aptamers and Molecularly Imprinted Polymers As
	Biomedical Imaging and Sensing Applications	,	Microfluidic Channels	Receptors for Rapid Virus Sensing with QCM
15:50-16:30		Coffe	e Break	
	Photonic Sensors and Quantum Sensors	Chemical Sensors and Sensors for Food Industry	Micro- and Nanofabrication Technologies	Advanced Functional Materials for Sensing and Actuating
16:30 - 16:50	Contributed Talk - ID 7140 Christian RANACHER	Contributed Talk - ID 7263 Tony GRANZ	Contributed Talk - ID 7174 Cristian FABREGA	Contributed Talk - ID 7111 Sebastian WERNER
	Numerical Investigations of Infrarea slot Wavegulaes for Gas Sensing	UV-Led Photo Activated Room Temperature No2 Sensors Based on Nanostructured ZnO/AIN Thin Films	Efficient Self-Heating in Nanowire Sensors: Prospects for Very-Low Power Devices	
16:50-17:10	Contributed Talk - ID 7569 Vedran BUDINSKI	Contributed Talk - ID 7170 Andrey KALINICHEV	Contributed Talk - ID 7531 Vladislav KHOMENKO	Contributed Talk - ID 7336 Olivier MARGEAT
	Miniature (Wist/Hotation Fabry Perot Sensor Based on a Four-Lore Fiber	Ion-Selective Optical Sensors: a New Look at Well-Established Techniques of Signal Acquisition	Silicon-on-Nothing Micro Pirani-Gauge for Interior-Pressure Measurement	Silver Growth on Tungsten Oxide Nanowres for Nitrogen Dioxide Sensing a Low Temperature
	Light Sensors and Optical MEMS/NEMS Contributed Talk - ID 7093	Contributed Talk - ID 7146	Contributed Talk - ID 7484	Contributed Talk - ID 7212
17:10-17:30	Ivan RYGER	Laura ENGEL Colorimetric Detection of Hydrogen Sulphide in Ambient Air	Tony GRANZ Nanofabrication of SOI-Based Photonic Waveguide Resonators for	Margus KODU Highly Sensitive NH3 Sensors Using CVD and Epitaxial graphene
	the Effect of Radiation Pressure		Gravimetric Molecule Detection	functionalised with Vanadium(V) Oxide: a Comparative Study
17:20 17:50	Contributed Talk - ID 7328 Elnaz AFSHARIPOUR	Contributed Talk - ID 7288	Contributed Talk - ID 7407	Contributed Talk - ID 7392 Anton BUCHBERGER
	A 3-Degree-of-Freedom MEMS Mirror with Controllable Static and Dynamic Motion for Beam Steering		Ultra-Thin Integrated ALD Alumina Electron-Transparent Windows for TEM Nanoreactor Applications	
	Contributed Talk - ID 7358	Advanced Functional Materials for Sensing and Actuating Contributed Talk - ID 7166	Contributed Talk - ID 7278	Contributed Talk - ID 7403
17:50-18:10	Hans-Fridtjof PERNAU	Hendrik SCHLICKE Cross-Linked Nanoparticle Membranes for Microelectromechanical	Steffen BORNEMANN	Alessandro MARTUCCI Effect of Pt nanoparticles on the plasmonic and chemoresistive
		Chemical Sensors and Pressure Sensors	Femtosecond Laser Lift-Off	Gas Sensing Properties of ZnO:Ga Film
18:10-18:30				Contributed Talk - ID 7299 Ying TU
				The Effect of Semiconductor Morphology on the Spatial Resolution of ZnO Based Light-Addressable Potentiometric Sensors
	EUROSENSORS Program - Wednesday 12 Sept Plenary Talk Ideas for Specific, Low-Power and Cost-Effective Chemical Sensors	tember 2018		
	J.Daniel PRADES			
	ROOM 15.02	ROOM 15.03	ROOM 15.04	ROOM 15.05
	ROOM 15.02 System Integration and Packaging, Reliability, Modelling and Simulation	ROOM 15.03 Chemical Sensors and Sensors for Food Industry	ROOM 15.04 Embedded Systems and Signal Processing	ROOM 15.05 Automotive Sensors and Sensors for (Aero)space
	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297	Embedded Systems and Signal Processing Contributed Talk - ID 7256	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038
10:00-10:20	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASULEV Intellectual thermoconductometric Unit Based on Aerosol Printed	Chemical Sensors and Sensors for Food Industry	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS	Automotive Sensors and Sensors for (Aero)space
	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASUEV Intellectual thermoconductometric Unit Bossed on Aerosol Printed Ceronic MEMS Sensor for the Measurement of Natural Gas Composition	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing
10:00-10:20 10:20-10:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL
10:20-10:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER
10:20-10:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gos Composition Contributed Talk ID 7134 Céclie GHOUILA-HOUIR Robust Calorimetric Micro-Sensor for Aerodynamic Applications	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensoraed Insole for Diabetic Foot Monitoring	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER
10:20-10:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikids SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications
10:20-10:40 10:40-11:10	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASUEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 C&cilia GHOUILA-HOUBI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, Alf-Silica, Fiber Optics Sensors Produced by Selective	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriels RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC (NISTRY Prezoelectric MEMS Energy Harvesters for Powering Sensor	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio
10:20-10:40 10:40-11:10	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silko, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silko Glass Contributed Talk - ID 7070	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC KINSTEY Piezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - ID 7245
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Phillip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silico, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silico Giass Contributed Talk - ID 7070 Els VAN BESIEN Forbroation of a CMOS-Based Imaging Chip with Monolithically	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC KINSTRY Piezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakireddin NABAVI Delgn and Optimization of Low Resonant-Frequency Piezoelectric	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - ID 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceranic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - tbc Contributed Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silinc, Fiber Optics Sensors Produced by Selective Exthing of Phosphorus Opped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Fabrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTEY Plezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - ID 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Prequencies Contributed Talk - ID 7245 Bernhard FISCHBACKER Tomographic Measurement of Ammonio Distribution on a Hot Gas Test Bench
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bossed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All JSIlica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIM Fobrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorited Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTTY Plezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 1D 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 1D 7580 Raif MOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 1D 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gas Test Bench Contributed Talk - 1D 7506 Mike ANDERSSON
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bossed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silico, Filer Optics Sensors Produced by Selective Etching of Phosphorus Doped Silico Giass Contributed Talk - ID 7070 Els VAN BESIEN Forbroation of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC KINSTRY PiezoleCuric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakiveddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - ID 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - ID 7506
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Phillip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High- Reliable Compact Models for the Investigation of Acoustic High-	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silico, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silico Giass Contributed Talk - ID 7070 Els VAN BESIEN Forbreation of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silicon Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTRY Piezolectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - ID 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - ID 7506 Milke ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosio Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Phillip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silinca, Fiber Optics Sensors Produced by Selective Exthing of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Es VAN BESIEN Fabrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Appo VARPULA Silican Based Nano-Thermoelectric Bolometers for Infrared Detection	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTY Plezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfaktreddin NABAVI Delgn and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - ID 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - ID 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - ID 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - ID 7506 Milke ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Exhaust/Flue Gos After-Treatment Systems Contributed Talk - ID 7087
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bossed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Ught Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silico, Filer Optics Sensors Produced by Selective Etching of Phosphorus Doped Silico Giass Contributed Talk - ID 7070 Els VAN BESIEN Forbreation of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silicon Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SOLIRADI Thomas SOLIRADI Contributed Talk - ID 7044 Thomas SOLIRADI Lunch	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriek RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MCINSTEY Prevolectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDÔ Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulies TRONCO IURADO Water Dielectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Break	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 1038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 1D 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 1D 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 1D 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - 1D 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Enhaust/Plue Gos After-Treatment Systems Contributed Talk - 1D 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gos Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Fabrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aspo VARPULA Silican Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SDLIRADL Characterization of a Vertical-Cavity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunch Embedded Systems and Signal Processing	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensoraed Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MINISTER Contributed Talk - ID 7582 Susan TROUER-MINISTER Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Delgn and Optimization of Jown Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO JURADO Water-Delectric Single Electrode Mode Triboelectric analoguementors for Ocean Wave Impact Energy Harvesting Break	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcontilevers for Environmental Sensing Contributed Talk - 1D 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 1D 7580 Rail MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 1D 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - 1D 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Exhaust/Filue Gos After-Treatment Systems Contributed Talk - 1D 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 KN/M for an Automotive-Grade Rotary Position Sensor
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40 12:40-14:00 14:00-14:20	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosio Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Claorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Phillip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7140 Gabriele BOSETTI Reliable Comport Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Connentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphons Doped silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Estrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silican Based Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Cavity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunci Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC KINSTRY Piecolectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Delgn and Optimization of Jow Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONC IO JURGO Water-Delectric Single Electrode Mode Triboelectric nanogenetors for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Ralf MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Contributed Talk - 10 7245 Bernhard FISCHBACHER Contributed Talk - 10 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Besed Field Effect Sensors in the Control of Exhaust/Filue Gas After-Treatment Systems Contributed Talk - 10 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ra/M for an Automotive-Grade Ratary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467 Giorgio DE PASQUALE
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40 12:40-14:00 14:00-14:20	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosio Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Claorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Phillip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7140 Gabriele BOSETTI Reliable Comport Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonat Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Minilature, All Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Fobrication of a CMOG-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Appo VARPULA Silican Based Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Covity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunci Embedded Systems and Signal Processing Contributed Talk - ID 7404	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MC KINSTRY Piecolectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Delgn and Optimization of Jow Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONC IO JURGO Water-Delectric Single Electrode Mode Triboelectric nanogenetors for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Raif MOS Sensing Catolytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gas Test Bench Contributed Talk - 10 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Exhaust/Filue Gas After-Treatment Systems Contributed Talk - 10 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40 12:40-14:00	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Gedie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - Ib 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7340 Gabriele BOSETI Reliabile Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY Ultro-Thin Sensor Systems Integrating Silicon Chips with on-Foil Possive and Active Components	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonat Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Minitature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIM Fobrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silican Based Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Cavity Enhanced Detector for Narrowband Detection in the Mild-Infrared Lunci Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorited Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTEY Plezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfathreddin NABAVI Deign and Optimization of Iow Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO JURADO Water-Delectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-Film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Raif MOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gas Test Bench Contributed Talk - 10 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Exhaust/Flue Gas After-Treatment Systems Contributed Talk - 10 7087 Gael CLOSE Specimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467 Giorgio De PASQUALE Smart Sensing on Textiles Through High Quality Roll-to-Roll graphene
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:20-12:20 12:20-12:40 12:40-14:00 14:20-14:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Ceclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY Ultra-Thin Sensor Systems Integrating Silicon Chips with on-Foil Passive and Active Components Contributed Talk - ID 7055 Mourad ELSOBKY Ultra-Thin Sensor Systems Integrating Silicon Chips with on-Foil Passive and Active Components	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAJSTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All Silkac, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silkac Glass Contributed Talk - ID 7070 Els VAN BESIEN Fabrication of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silicon Based Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Covity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunci Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensoraed Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTRY Piezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nanlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO JURADO Water-Delectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-Film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies Contributed Talk - ID 7262 Jlushual XU Jlushual XU	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Malk BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 1D 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 1D 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - 1D 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Bessed Field Effect Sensors in the Control of Exhaus/Flue Gas After-Treatment Systems Contributed Talk - 1D 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ko/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 1D 7467 Glorgio De PASQUALE Smart Sensing on Textiles Through High Quality Rail-to-Rail graphene Contributed Talk - 1D 7371 Marco CRESCENTINI
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:20-12:20 12:20-12:40 14:20-14:20 14:20-14:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechonical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7055 Mourad ELSOBKY Ultro-Thin Sensor Systems Integrating Silicon Chips with on-Foil Passive and Active Components Contributed Talk - ID 7415 Garald AUBÖCK Contributed Talk - ID 7415	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRZYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonart Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phospharus Doped Silica Gloss Contributed Talk - ID 7070 Els VAN BESIEN Forciation of a CMOS-Based Imaging Chip with Monolithically Integrated RGB and NIR Filters Contributed Talk - ID 7275 Aapo VARPULA Silicon Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Covity Enhanced Detector for Narrowband Detection in the Mid-Infrared Luncl Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriek RESCID Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROUER-MCINSTEY Prevolectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Based on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDÓ Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO IURADO Water Dielectric Single Electrode Mode Triboelectric nanogenerators for Ocean Weve Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-Film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies Contributed Talk - ID 7282 Jiushual XU Arrea - Selective Growth of Aligned ZnO Nanorad Arrays for MEMS Device Applications	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 10 7086 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 1D 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 1D 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 1D 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - 1D 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Echaust/Plue Gos After-Treatment Systems Contributed Talk - 1D 7087 Gael CLOS Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 1D 7467 Glorgio DE PASQUALE Smart Sensing on Textiles Through High Quality Rail-to-Rail graphene Contributed Talk - 1D 7371 Marco CRESCENTINI Ultro-Low Power CMOS Readout for Resonant MEMS Strain Sensors
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:20-12:20 12:20-12:40 12:40-14:00 14:20-14:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Based on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Cécile GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliabile Compact Models for the Investigation of Acoustic High-frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7327 Menny SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7415 Mourad ELSOBKY Ultra-Thin Sensor Systems Integrating Silicon Chips with on-Fail Passive and Active Components Contributed Talk - ID 7415 Gerald AUBOCK Simulation Framework for Design and Analysis of a Nondispersive Infrared Spectroscopic Gas Sensor Contributed Talk - ID 7471 Michael HAUB Michael HAUB	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Fobrication of a CMOS-Based Imaging Chip with Monolithically Integrated AGS and Nilk Filters Contributed Talk - ID 7275 Aapo VARPULA Silican Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Cavity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunch Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing Contributed Talk - ID 7416 Alexey VASILIEV	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Mikiós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensorized Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTRY Plecoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Delgn and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvesters Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDÔ Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7270 Uliess TRONCO LURADO Water-Delectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies Contributed Talk - ID 7262 Jiushaul XU Area-Selective Growth of Aligned Zno Nanorod Arrays for MEMS Device Applications Contributed Talk - ID 7241 Nikolas GAIO	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gas Test Bench Contributed Talk - 10 7506 Nike ANDERSSON On the Applicability of Silicon Carbide Based Field Effect Sensors in the Control of Exhaust/Flue Gas After-Treatment Systems Contributed Talk - 10 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Residion Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467 Giorgio DE PASQUALE Smart Sensing on Textiles Through High Quality Roll-to-Roll graphene Contributed Talk - 10 7371 Marco CRESCENTINI Uttro-Low Power CMOS Readout for Resonant MEMS Strain Sensors Contributed Talk - 10 7219 Toblas MITTEERR
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40 12:40-14:00 14:00-14:20 14:20-14:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY Ultro-Thin Sensor Systems Integrating Silicon Chips with on-Foil Passive and Active Components Contributed Talk - ID 7415 Gerald AUBÖCK Simulation Framework for Design and Analysis of a Nondispersive Infrared Spectroscopic Gas Sensor Contributed Talk - ID 7411	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojciech MAISTRYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Ministure, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphorus Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Fobrication of a CMOS-Based Imaging Chip with Monolithically Integrated AGB and Nilk Filters Contributed Talk - ID 7275 Aapa VARPULA Silican Based Nano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Characterization of a Vertical-Cavity Enhanced Detector for Narrowband Detection in the Mid-Infrared Lunch Embedded Systems and Signal Processing Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing Contributed Talk - ID 7116 Alexey VASILEV How to Detect Selectively Hydrogen and Hydrogen Containing Gasses with Metal Oxide Gas Sensor Operating in Non-Stationary	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensotred Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLIER-MC KINSTRY Piezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO JURADO Water-Delectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-Film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies Contributed Talk - ID 7262 Jiushual XU Area-Selective Growth of Aligned Zno Nanorod Arrays for MEMS Device Applications Contributed Talk - ID 7241	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 7038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gas Test Bench Contributed Talk - 10 7087 Gael CLOSE Contributed Talk - 10 7087 Gael CLOSE Specimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467 Glorgio De PASQUIALE Smart Sensing on Textiles Through High Quality Roll-to-Roll graphene Contributed Talk - 10 7371 Marca CRESCENTIN Ultro-Low Power CMOS Readout for Resonant MEMS Strain Sensors Contributed Talk - 10 7219
10:20-10:40 10:40-11:10 11:10-11:40 11:40-12:00 12:00-12:20 12:20-12:40 12:40-14:00 14:00-14:20 14:20-14:40	System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7052 Alexey VASILEV Intellectual thermoconductometric Unit Bosed on Aerosol Printed Ceramic MEMS Sensor for the Measurement of Natural Gas Composition Contributed Talk ID 7134 Céclie GHOUILA-HOURI Robust Calorimetric Micro-Sensor for Aerodynamic Applications and Flow Control System Integration and Packaging, Reliability, Modelling and Simulation Invited Talk - ID 7150 Philip SCHMITT A Micromechanical Binary Counter with MEMS-Based Digital-to-Analog Converter Contributed Talk - ID 7440 Gabriele BOSETTI Reliable Compact Models for the Investigation of Acoustic High-Frequency Effects in MEMS Transducers Contributed Talk - ID 7327 Henry SCHMIDT Reduced Order Component & System Level Modelling for Fluid-Solid Interactions in Complex MEMS Devices System Integration and Packaging, Reliability, Modelling and Simulation Contributed Talk - ID 7065 Mourad ELSOBKY Ultro-Thin Sensor Systems Integrating Silicon Chips with on-Foil Passive and Active Components Contributed Talk - ID 7415 Gerald AUBÖCK Simulation Framework for Design and Analysis of a Nondispersive Infrared Spectroscopic Gas Sensor Contributed Talk - ID 7471 Michael HAUB Novel Design of an Extremely Miniaturized Accelerometer Bosed	Chemical Sensors and Sensors for Food Industry Contributed Talk - ID 7297 Wojdech MAISTRYK Force Spectroscopy with Quantitative on-Cantilever Force Control Contributed Talk - ID 7510 Benjamin LANG A Resonant Photoacoustic Cell for High Flow Rate Gas Concentration Measurement Coffee Light Sensors and Optical MEMS/NEMS Invited Talk - ID 7574 Denis DONLAGIC Miniature, All-Silica, Fiber Optics Sensors Produced by Selective Etching of Phosphars Doped Silica Glass Contributed Talk - ID 7070 Els VAN BESIEN Contributed Talk - ID 7070 Els VAN BESIEN Contributed Talk - ID 7275 Apap VARPULA Silican Based Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7244 Thomas SÖLLRADL Contributed Talk - ID 7044 Thomas SÖLLRADL Contributed Talk - ID 7044 Thomas SÖLLRADL Contributed Talk - ID 7044 Thomas OLLRADL Contributed Talk - ID 7044 Thomas Mano-Thermoelectric Bolometers for Infrared Detection Contributed Talk - ID 7044 Thomas SÖLLRADL Contributed Talk - ID 7044 Thomas SÖLLRADL Contributed Talk - ID 7404 Oriol GONZALEZ A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis Contributed Talk - ID 7487 Romana BOIGER Exploring Temperature-Modulated Operation Mode of Metal Oxide Gas Sensors for Robust Signal Processing Contributed Talk - ID 7115 Alexey VASILEV How to Detect Selectively Hydrogen and Hydrogen Containing Gasses with Metal Oxide Gas Sensor Operating in Non-Stationary Thermal Regime?	Embedded Systems and Signal Processing Contributed Talk - ID 7256 Miklós SZAPPANOS Energy Harvesting Powered Wireless Vibration Analyser Contributed Talk - ID 7224 Gabriele RESCIO Sensotraed Insole for Diabetic Foot Monitoring Break Energy Harvesting Invited Talk - ID 7582 Susan TROLER-NC KINSTRY Piezoelectric MEMS Energy Harvesters for Powering Sensor Systems Contributed Talk - ID 7317 Seyedfakhreddin NABAVI Deign and Optimization of Low Resonant-Frequency Piezoelectric MEMS Energy Harvester Bosed on Artificial Intelligence Contributed Talk - ID 7570 Bruno ANDO Investigation of a Nonlinear Vibrational Energy Harvester in the Stochastic Resonance Regime Contributed Talk - ID 7027 Ulises TRONCO JURADO Water-Delectric Single Electrode Mode Triboelectric nanogenerators for Ocean Wave Impact Energy Harvesting Break Energy Harvesting Contributed Talk - ID 7113 Kirsi TAPPURA A Thin-Film Thermoelectric Generator for Large-Area Applications Micro- and Nanofabrication Technologies Contributed Talk - ID 7262 Jiushual XU Area-Selective Growth of Aligned Zno Nanorod Arrays for MEMS Device Applications Contributed Talk - ID 7241 Nikolas GAIO Versatile and Automated 3D Polydimethylsiloxane (PDMS)	Automotive Sensors and Sensors for (Aero)space Contributed Talk - 1038 Simon GRALL Screen-Printed Microcantilevers for Environmental Sensing Contributed Talk - 10 7066 Maik BEER CMOS SPAD-Based Sensor for Automotive Lidar Applications Automotive Sensors and Sensors for (Aero)space Invited Talk - 10 7580 Raif MOOS Sensing Catalytic Converters and Filters at Work Using Radio Frequencies Contributed Talk - 10 7245 Bernhard FISCHBACHER Tomographic Measurement of Ammonia Distribution on a Hot Gos Test Bench Contributed Talk - 10 7506 Mike ANDERSSON On the Applicability of Silicon Carbide Bessed Field Effect Sensors in the Control of Exhaust/Flue Gos After-Treatment Systems Contributed Talk - 10 7087 Gael CLOSE Experimental Demonstration of Stray-Field-Immunity Beyond 4 Ka/M for an Automotive-Grade Rotary Position Sensor Smart Systems and Wireless Sensor Networks Contributed Talk - 10 7467 Giorgio De PASQUALE Smart Sensing on Textiles Through High Quality Rail-to-Rail graphene Contributed Talk - 10 7371 Marco CRESCENTIN Ultra-Low Power CMOS Readout for Resonant MEMS Strain Sensors Contributed Talk - 10 7219 Tobias MITTERER Artificial Landmarks Concept for Autonomous Vehicles Applied to a