

CONFERENCE PROGRAM

SUNDAY, OCTOBER 16		ARRIVALS		
		BOBARA ROOM - 5th FLOOR		
	17:00 – 19:00	WORKSHOP - ILAC G8:09/2019 Guidelines on Decision Rules and Statements of Conformity <i>SPEAKERS:</i> <i>Ms. Ana Čop, IMEKO TC-24</i> *free entrance for all participants Moderators: M. Cundeva-Blajer, L. Iannucci		
	19:30 - 21:00	<i>PIANO BAR - reception floor</i> <i>Welcome drink at the hotel</i>		
MONDAY, OCTOBER 17	9.00-9.30	BOBARA ROOM - 5th FLOOR		
		Conference opening		
	9.30-10.00	Eurolab Presentation Developing an international cooperation. The Lab of the Future towards better efficiency and traceability <i>Laura Martin, EUROLAB Secretary</i>		
		BOBARA ROOM - 5 th FLOOR	SALON 5, 5 th FLOOR	
	10.00-10.30	Regulatory Framework for Quality Safety and Security of Products and Services and Management systems and Quality in the TIC sector Chairs: Alvaro Silva Ribeiro and Mladen Jakovčić	10.00-10.30	TC24 Roundtable all TC24 participants are invited (open for public)
	10.00-10.15	Regulatory Framework of Water Meters for Uses Other than Clean Water in Spain <i>Maria Isabel Calzado Guijarro, Teresa Fernández Vicente</i>		
	10.15-10.30	Management for Quality and Innovations <i>Tzvetelin Gueorguiev</i>		
	10.30-11.00	Coffee Break		
	11.00-12.30	Innovation and Validation of Methods in TIC Part 1 Chair: Marija Cundeva-Blajer	11.00-12.30	Applied metrology for everyday life Chairs: T. Tomić, L. Iannucci
	11.00-11.15	Beyond the state of art: New metrology infrastructure for radon measurements at the environmental level <i>Annette Röttger, Stefan Röttger, Claudia Grossi, Ute Karstens, Giorgia Cinelli, Chris Rennick</i>	11.00-11.20	Comparative study of chemometric approaches and machine learning for Miniaturized Near-Infrared (MicroNIR) spectroscopy in plastic waste sorting <i>Claudio Marchesi*, Monika Rani, Stefania Federici, Matteo Lancini, Laura E. Depero</i>
	11.15-11.30	Calibration procedures for Laser Doppler velocimeter: challenges and drawbacks <i>Nerijus Pedisius, Agne Bertasiene</i>	11.20-11.40	Development and validation of HPLC method for the determination of N-nitrosamines in water <i>S. Babić*, V. Golub, S. Morović, K. Košutić</i>
	11.30-11.45	Comparison of dimensions, shapes and positions control using CMM and 3D scanner <i>Kenan Varda*; Nermina Zaimović-Uzunović; Almira Softić; Ernad Bešliagić</i>	11.40-12.00	Comparison of gravimetry and dynamic dilution for the generation of reference gas mixtures with known composition of CO2 at atmospheric amount fraction <i>F. Rolle, F. Durbiano*, S. Pavarelli, F. Pennecchi, M. Segal</i>
	11.45-12.00	Developments of surface roughness measurements using different traceability routes to the SI within the scope of EMPiR ProbeTrace <i>Fernanda Saraiva, Pedro Neves, Carlos Pires, João Alves e Sousa</i>	12.00-12.20	Nucleic acids as sensors – the need for metrological approaches in DNA extraction <i>Alexandra Bogožalec Košir*, Viktorija Tomić, Dane Lužnik, Mojca Milavec</i>
	12.00-12.15			
	12.15-12.30			
	12.30-13.30	Lunch		
		BOBARA ROOM - 5th FLOOR		
	13.30-14.00	KEYNOTE PRESENTATION Opportunities from EU Funding Programmes <i>Zeynep Yildizeli, EU Funding Programmes</i>		
		BOBARA ROOM - 5th FLOOR	SALON 5, 5 th FLOOR	
	14.00-15.30	Metrological Traceability, Uncertainty and Conformity Assessment in TIC Sector Part 1 Chairs: Annette Röttger and Mare Srbinovska	14.00-15.00	Chemical and biochemical sensors (I) Chairs: S. Babić, E. Angelini
	14.00-14.15	A Comparative Analysis of Different Methods of Surface Plates Flatness Calibration <i>Maja Aleksić, Milos Bjelic, Marina Dolinic</i>	14.00-14.20	Chemiresistors for the detection of environmental pollutants and toxic gases <i>P. Fitl*, M. Hruška, J. Kejzlar, D. Tomeček, L. Fišer, M. Novotný, M. Vrhata</i>
	14.15-14.30	Active Power Measurements Uncertainty Budget Modelling in Case of Harmonically Distorted Voltages and Currents <i>Kiril Demerdžiev, Vladimir Dimcev</i>	14.20-14.40	Effect of nanostructuring of Cu2O films on detection properties of Chemical gas sensors <i>J. Lančok*, P. Fitl, M. Novotny, L. Volfová, S.A. Irimiciuc, M. Vorokhta, P. Pokorny, S. Chertopalov, E. Marešová, M. Vrnata</i>
	14.30-14.45	Evaluating the Uncertainty of a Virtual Power Quality Disturbance Generator <i>Bodan Velkovski, Marija Markovska, Zivko Kokolanski, Vladimir Dimchev, Dimitar Taskovski</i>	14.40-15.00	Printed conformable electrodes to monitor skin hydration using Impedance Spectroscopy <i>Leonardo Iannucci*, Luca Lombardo, Nicolò Lago, Alessandro Pozzebon, Alessandra Galli, Sarah Tonello</i>
	14.45-15.00	Experiences of IMBiH in prediction of life time of non-automatic weighing instrument <i>Haris Memić, Zijad Džemić, Jasmin Kevrić, Dejan Jokić</i>		
	15.00-15.15	Guard Banding Applied in the Legal Metrology Requirements of Weighing Instruments <i>Omar-Jair Purata-Sifuentes, María-del-Socorro Vieyra-Cabrera, Elvia-Andrea Purata-Funes, Ramón Navarrete-Reynoso, Luis-Armando Torres-Pérez</i>		
	15.15-15.30	Uncertainty Analysis of Average Flow Duration Curves Used in Hydropower Plants Feasibility Studies <i>C. Simões, A. S. Ribeiro, M. C. Almeida, D. Covas</i>		
	free time			
18.00	City Tour meeting point: Pile gate / old town of Dubrovnik each participant will receive a return ticket from Cavtat to the meeting point			
20:00	Free evening			
TUESDAY, OCTOBER 18	9.00-9.30	BOBARA ROOM - 5th FLOOR		
		KEYNOTE PRESENTATION Multiresidue analysis of pharmaceuticals in water samples. Pitfalls and methodological challenges <i>Prof.dr.sc. Mira Petrović, ICRA Catalan Institute for Water Research, Girona, Spain</i>		
		BOBARA ROOM - 5th FLOOR	SALON 5, 5 th FLOOR	
	9.30-10.30	Certification of Reference Materials and Other TIC Issues Chair: Szabolcs Benedek	9.30-10.30	Chemical and biochemical sensors (II) Chairs: P. Fitl, L. Iannucci
	9.30-9.45	Development of Internal Quality Control Material (IQCM) for As, Cd and Pb in Soil <i>Admer Rey C. Dablio, Ruth L. Damian, Christy S. Daniel</i>	9.30-9.50	Effects of Laser Direct Write on the Morphology and Optical properties of Black Metals <i>Jaroslav Otta*, Jan Kejzlar, Martin Hruska, Premysl Fitl, Michal Novotny, Joris More-Chevalier, Petr Pokorny, Jan Lancok, Midori Kawamura, Martin Vrnata</i>
	9.45-10.00	Data Science for Testing, Inspection and Certification <i>Marija Cundeva-Blajer</i>	9.50-10.10	Utilization of nanostructured materials for gas sensor applications <i>M. Hruska*, J. Kejzlar, J. Otta, P. Fitl, M. Novotny, J. More-Chevalier, P. Pokorny, J. Lancok, M. Kawamura, M. Vrnata</i>
	10.00-10.15	β-risk in proficiency testing in relation to the number of participants <i>Louis-Jean HOLLEBECQ</i>	10.10-10.30	Chemiresistors with black metal active layers <i>Jan Kejzlar*, Martin Hruska, Premysl Fitl, Jaroslav Otta, Martin Vrnata, Joris More-Chevalier Michal Novotny, Jan Lancok and Midori Kawamura</i>
	10.30-11.00	Coffee Break		
	11.00-12.30	Innovation and Validation of Methods in TIC Part 2 Chairs: Krno Milicevic and Alvaro Silva Ribeiro	11.00-12.30	Traceability and certificate reference materials Chairs: C. Marchesi, T. Tomić
	11.00-11.15	Environmental Wireless Sensor Monitoring and Estimation of Green Infrastructure Location Impact on Particulate Matter Reduction for Improved Air Quality <i>Mare Srbinovska, Vesna Andova, Aleksandra Krkoleva Mateska, Maja Celeska Krstevska, Marija Cundeva-Blajer</i>	11.00-11.20	Development of nucleic acid analysis based reference measurement procedure for quantification of human cytomegalovirus <i>Mojca Milavec*; Alexandra Bogožalec Košir</i>
	11.15-11.30	Implementation of Noise Reduction to roundness measurement in Croatian National Laboratory for Length <i>Vedran Šimunović, Gorana Baršić</i>	11.20-11.40	EDC-WFD: A project to deliver reliable measurements of estrogens for better monitoring survey and risks assessments of aquatic systems <i>Sophie Lardy-Fontan*, Christian Piechotta, Ester Heath, Ana Kovačić, Noora Perkola, Véronique Le Diouron, Paolo de Zorzi, Monica Potalivo, Karyn Le Menach, Patrick Pardon, Hélène Budžinski, Taner Gokcen, Béatrice Lalère</i>
	11.30-11.45	Improving blood pressure measurements with an advanced oscillometric signal generator <i>Vaclav Sedlak, Dominik Prazak, Dietmar Steindl, Alen Bosnjakovic, Ehlimana Jugo, Maria do Ceu Ferreira, Paul Hetherington, Alan Duffy, Michal Nawotka, Dana Maria Rosu, Stephan Mieke, Peter Pavlasek, Gregor Gersak</i>		
	11.45-12.00	Industry 4.0 legacy systems integration <i>G. Esteves Coelho, A. Ribeiro, J. dos Reis, C. Simões</i>		
	12.00-12.15	Metrology Ambiguities in Protocols for Trans-conductance Amplifier Calibration by Using High Current Energy Comparator <i>Kiril Demerdžiev, Marija Cundeva Blajer</i>		
	12.15-12.30	Performance Evaluation of LED Lamp under Pulse Current Mode Operation <i>P V S Chandra, N Bharathidasan, C R Jeevandoss</i>		
	12.30-13.30	Lunch		
	13.30-15.00	Metrological Traceability, Uncertainty and Conformity Assessment in TIC Sector Part 2 Chairs: Mare Srbinovska and Maja Aleksić	13.30-15.00	TC24 meeting (for TC24 members and potential members)
	13.30-13.45	Measurement uncertainty: decision & risk <i>José Luis Prieto Calviño</i>		
	13.45-14.00	Role of the Measurement Uncertainty in Cone Penetration Test Results of Lubricating Grease <i>Omar-Jair Purata-Sifuentes, Luis-Eduardo Hernández-Balandrán, Mirna-Guadalupe Tornero-Navarro, Mónica-Esmeralda Antolin-González</i>		
	14.00-14.15	Uncertainty from sampling in food microbiology <i>Ivana Ljevaković-Mustadin</i>		
	14.15-14.30	Strategies to improve reliability in blood pressure measures <i>Ferreira M., Sedlak V., Gersak G., Rosu D.</i>		
	15.00-15.30	Coffee Break		
	15.30-17.00	PT Schemes, Inter- and Intra-Laboratory Comparisons and Other Methods for Quality Assurance Chairs: Kiril Demerdžiev and Annette Röttger	LOBBY on the 5th floor	
	15.30-15.45	Evaluation of Interlaboratory Comparisons on Pressure Measurement in the Philippines of 6 years interval <i>Mary Ness Salazar</i>	JOINT Poster session	
	15.45-16.00	Personal Dosimetry Intercomparison Analysis in Public Health Institute of Republic of Srpska <i>Biljana Petrovic, Savka Strbac</i>	15.30-17:00	Quality assurance of measurements and sensors for health and medicine <i>Alicia Sáez Serrano*, Carmen Sánchez Blaya, María Ana Sáenz Nuño, Teresa Fernández Vicente</i>
	16.00-17:00			In-situ solution concentration measurement techniques in the crystallization processes <i>Matea Gavran, Nenad Bolf, Josip Sacher, Srećko Herceg</i>
			Complex analytical techniques - laboratory role in the development of biofuels and alternative fuels <i>Tatjana Tomić, Jelena Parlov Vuković</i>	
			Problems of software processing of digital photography intended for determining the dimensional accuracy of a product <i>Dražen Turinski, Ilija Svalina, Tomislav Sarić</i>	
			Conformity assessment under directive 2014/31/eu on the harmonisation of the laws of the member states relating to the making available on the market of non-automatic weighing instruments <i>Vicente Yagüe Alcaraz, Paula Sáez Serrano, Carmen García Izquierdo</i>	
17.30-19.00	TC11 meeting (for TC11 members and potential members)			
	free time			
20:00-00:00	Conference dinner meeting point: Hotel Croatia Cavtat return transfer organized			
WEDNESDAY, OCTOBER 19	9.00-9.30	BOBARA ROOM - 5th FLOOR		
		KEYNOTE PRESENTATION Prof.dr.sc. Krno Miličević (Croatia) - Blockchain for the digital transformation of metrology		
		BOBARA ROOM - 5th FLOOR	SALON 5, 5 th FLOOR	
	9.30-10.30	Innovation and Validation of Methods in TIC (3 papers) Chairs: Krno Milicevic and Marija Cundeva-Blajer	9.30-10.30	Electrochemical Impedance Spectroscopy and corrosion Chairs: P. Fitl, S. Babić
	9.30-9.45	Quality assurance and testing of the ATLAS Liquid argon Calorimeter Power Distribution Boards <i>Massimo Lazzaroni, Francesco Tartarelli, Stefano Latorre, Antonio Carbone</i>	9.30-9.50	Corrosion products on iron artefacts: a Raman spectroscopic investigation. <i>Amina Vietti*, Ilaria Corso, Nicola Donato, Emma Magliani, Sabrina Grassini</i>
	9.45-10.00	Static Method for Taximeter Verification <i>Miryana Masheva</i>	9.50-10.10	Mineral Impedance Spectroscopy measurements for the characterization of bio-based organic coatings for corrosion protection <i>Leonardo Iannucci*, Camilla Noè, Valeria Gozzano, Marco Sangermano, Anna Iannelli, Sabrina Grassini</i>
	10.00-10.15	Validation of non-standard PV (solar) panels by IEC 61215 <i>Szabolcs Benedek</i>	10.10-10.30	How will the European Metrology Network POLMO support and improve pollution monitoring? <i>Sophie Vaslin-Reimann, Sophie Lardy-Fontan, Panayot Petrov; Teemu Naykki; Pietr Kovar; Bjoern Meermann Aida Jotanovic; Mark Kelleher; Volker Eberst; Dirk Arnold; Hayley Pennetta; Suleyman Can; Rudolf Scheider; Jaroslav Šolc; Bernd Guettler; Andreas Nowak; Tatiana Macé; Raphaël Maillard; Paola Fisicaro</i>
	10.15-10.30			
	10.30 - 11:00	Conference closing		
	11.00-11.30	Farewell coffee		