Tentative Program

18th World Analytical Chemistry & Mass Spectrometry

August 29-30, 2018 | Toronto, Canada



Interactive Sessions | Keynote Lectures | Plenary Lectures | Exhibitors | B2B Meetings | Workshops

For available speaker slots

analytica2018@americameetings.com

https://analyticalchemistry.conferenceseries.com/

18th World Analytical Chemistry & Mass Spectrometry

	Scientific Program
	Day 1 August 29, 2018
08:00-09:15	Registrations
09:15-09:30	Opening Ceremony
	Keynote Session
	Introduction
	Title: Molecular characterization of synthetic polymers with help of Liquid Chromatography
	Dusan Berek, Polymer Institute of the Slovak Academy of Science, Slovakia
	Questionnaires
	Title: Alcohol and drugs
	Manuela G. Neuman, University of Toronto, Canada
	Questionnaires
	Coffee break 20 minutes
	Title: Aligning Industrial R&D with Academia to better utilize Analytical Science to produce positive outcomes
	David M. Parish, Sherwin-Williams Company, USA
	Questionnaires
	Title: Fabric Phase Sorptive Extraction: A Versatile Sample Preparation Technology that Meets the Demands of Twenty First Century Modern Analytical Laboratories
	Abuzar Kabir, Florida International University, USA
	Questionnaires
	Title: Applications of UPLC-MS QTOF in Structural Elucidation of Small Molecules
	Peng Chen, Chemic Labs Inc., USA
	Questionnaires
	Group Photo
	Sessions: Analytical Chemistry and Engg | Polymer & Material Chemistry | Electrophoresis | Applied Crystallography | NMR Spectroscopy | Microscopy laboratory analysis
Chairs	TBD
Chairs	TBD
	Workshop
	Title: Retention Mechanisms in Liquid Chromatography of Synthetic Polymers
	Dusan Berek, Polymer Institute of the Slovak Academy of Science, Slovakia
	Questionnaires
	Title: Quantification of water soluble vitamins in natural health products and dietary supplements using Liquid Chromatography-Mass Spectrometry
	Fardin Ahmadi, Canadian Analytical Laboratories, Mississauga, Ontario
	Questionnaires
	Title: Determination of the concentration of Benzoic acid and Sorbic acid in Ready to serve products using high performance liquid chromatography (HPLC)
	H. W. C. Krishanthi Karunarathne- Assistant Government Analyst. Government Analyst Department, Sri Lanka
	Questionnaires
	Title: Determination of Enrofloxacin and Its Metabolite in Eggs by Capillary Electrophoresis Together with Fabric Phase Sorptive Extraction
	Yintang Zhang, Shangqiu Normal University, China
	Questionnaires
	Lunch Break 1 Hour
	Title: -
	Mingsheng Ma, University of Alberta, Canada
	Questionnaires
	Title: Fabrication of a magnetic molecularly imprinted polymer for pre-concentration and cleanup of sarcosine, a prostate cancer metabolic biomarker, in urine prior to capillary electrophoresis determination
	Zahra Ramezani, Ahvaz Jundishapur University, Iran
	Questionnaires
	Coffee break 20 minutes
	Networking & Business to Business Meeting
	Day Concludes
	Day 2 August 30, 2018
	Keynote Session
	Title: Combinatorial model of chromatography applied on optimizing operational conditions in SEC
	Milos Netopilik, Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Czech Republic
	Questionnaires

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	Determination of Alzheimer's β-amyloid peptide by Sweeping-Micellar Electrokinetic Capillary Chromatography
	Maotin Xu, Shangqiu Normal University, China
	Questionnaires
	Coffee break 20 minutes
	Title: Biosensing approaches for lysozyme detection with graphene oxide-coated plasmonic interfaces
	Alina Vasilescu, International Centre of Biodynamics, Romania
	Questionnaires
	Title: Preclinical Researches on Novel Sugar Dendritic Gd-DTPA MRI Contrast Agents and IER5/Cdc25B Tageted Phospha Sugar Antitumor Agents to Innovate in Cancer Therapy
	Mitsuji Yamashita ,Shizuoka University, Japan
	Questionnaires
	Sessions: Organic Chemistry|Separation Techniques| Mass Spectrometry| Green Analytical Chemistry |Analysis of Water Chemistry | Advances in chromatography and HPLC Techniques
Chairs	TBD
Chairs	TBD
	Workshop
	Title: Photoacoustics Spectroscopy: The Less Explored Non-Destructive Spectroscopy for Multicharacterization
	Michael Anjello Jothi Rajan, Tamil Nadu State Council for Science & Technology, India
	Questionnaires
	Title: Development of New Stationary Phases for Biomimetic Chromatography
	Alexey A. Poyarkov, Life Chemicals Inc., Ontario, Canada
	Questionnaires
	Title: Growth Hormone: Chromatographic separations coupled with mass spectrometry towards a novel method for anti-doping tests.
	Hala Dadi, Laboratoire de Chimie Physique, Université Paris-Sud-CNRS, Orsay, France
	Questionnaires
	Title: Occurrence and levels of potentially harmful elements (PHEs) in natural waters of the gold mining areas of the Kette-Batouri Region of Eastern Cameroon
	Michael M. Shapi, Mangosuthu University of Technology, South Africa
	Questionnaires
	Lunch Break 1 Hour
	Title: Area Under the Receiver–Operating Characteristics as a Model for Evaluating and Predicting Biomarkers of Early Renal Tubular Damage in Subjects Occupationally Exposed to Lead
	Ishaiq Omotosho, Nigeria
	Questionnaires
	Title: Determination of Some Functional Properties and In-vitro Digestibility of Weaning Meal Formulations Based on Guinea corn and Soybean
	Arikhan Sylvester, University of Bayreuth, Germany
	Questionnaires
	Title: The effect of glycerol on shape, size, and growth rate of Escherichia coli
	Maryam Hoseini Zare, Texas Southern University, USA
	Questionnaires
	Title: Anaerobic co-digestions of agro-industrial waste blends under stress condition using mixture design
	Md. Anisur Rahman,Dept.of Farm Power and Machinery, Bangladesh
	Questionnaires
	Coffee break 20 Minutes
	Video Presentations
	Title: New trends in sample miniaturization and its applications: on-chip devices
	Maria Ramos Payan, University of Seville, Spain
	Questionnaires
	Title: Potentiometry as a tool for monitoring of antioxidant activity
	Kh. Brainina, Russian Federation, Russia
	Questionnaires
11:00-15:00	Poster Presentations
	Poster Judges: TBD
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WACC 01	Title: Electrochemical sensors coated with prGO coated enable to capture different aggregation behaviors of proteins and peptides
	Alina Vasilescu, International Centre of Biodynamics, Romania
WACC 02	Title: Structural investigation of Fe(III) and Ga(III) complexes with aromatic hydrazones by ESI MS/MS
	Nives Galic, University of Zagreb, Croatia

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WACC 03	Title: Kinetic studies of the treatment of wastewater from palm oil processing mill
	Ejeomo jatto, Nigeria
WACC 04	Title: LC-MS analysis of intact amino acids on a novel mixed-mode HPLC column
	Itaru Yazawa, Imtakt Corporation, Kyoto, JAPAN
WACC 05	Title: Comparison of immune cells subsets, ex-vivo and in-vivo expression of T cell activation and memory marker between LNC and corresponding PBMC from Calves Exposed to Natural Mycobacterium bovis Infection
	Fekadu Desta, Addis Ababa University, Ethiopia
WACC 06	Title: Experimental Investigation of the Effectiveness of Some Chemical Demulsifiers in Oilfield Emulsion Treatment.
	Mamudu Abbas, University of Benin Faculty of Engineering, Benin City, Nigeria
WACC 07	Title: Diagnostic accuracy of cannabinoid testing by liquid chromatography-tandem mass spectrometry in human hair
	Alveena Younas, Armed Forces Institute of Pathology (AFIP) Rawalpindi, Pakistan
WACC 08	Title: HPLC method for analysis of celiprolol enantiomers in biological fluids and pharmaceutical formulation using immobilized polysaccharide-based chiral stationary phase and fluorescence detection
	A. AL-SUWAILEM, Saudi Arabia
WACC 09	Title: Quantitative analysis of peptides and proteins in human serum using High Performance Liquid chromatography Mass Spectrometry.
	Mushtaq Bhojani, Gulf-Bioanalytical-Agilent-Dubai
WACC 10	Title: Computer Aided Drug Design of Pharmaceuticals:An valuable tool in the drug discovery& development
	Paranjeet Kaur, Lovely Professional University, India
WACC 11	Title: Synthesis of quiral oxazolines and thiazolines from triethyl phosphonoacetate
	Miguel Angel Reyes González, Universidad Autónoma de Nuevo León, Mexico
WACC 12	Title: Interaction analysis of MDM2 inhibitor by fragment molecular orbital method
	Naoto Motoyama, Osaka University, Japan
WACC 13	Title: Development of Supramolecular Cyclodextrin Gel for Selective Separation of Sugars in Water
	Tewodros Getachew Bekele, Ethiopia Biotechnology Institute
WACC 14	Title: The development of antiviral agent for hepatitis B virus
	Hong Sik Han, University of Science and Technology, Korea
11:00-15:00	E- Poster Presentations
WACC 01	Title: Validation and Development of an optical detection microfluidic device for the determination of antibiotics in environmental waters
	Maria Ramos Payan, University of Seville, Spain
WACC 02	Title: Manufacturing and optimization of a microfluidic device LEGO portable for optical detection-Photonic lab on a chip
	Maria Ramos Payan, University of Seville, Spain
WACC 03	Title: LEGO portable for optical detection-Photonic lab on a chip
	Maria Ramos Payan, University of Seville, Spain
Award and Closing Ceremony	



Major Scientific Sessions

- Analytical Chemistry and Engineering
- Polymer and Material Chemistry
- Separation Techniques
- Mass Spectrometry Ionization Method
- Analytical and bioanalytical techniques
- Disease Detection and Formulation Development
- Molecular Spectroscopy
- Radioanalytical Chemistry
- Inorganic Chemistry
- Green Analytical Chemistry
- Medicinal chemistry
- Analysis of water chemistry
- Novel Approaches For Analytical Chemistry
- Mass Spectroscopy and Gas chromatography
- Advances in Chromatography & HPLC Techniques
- Applications in Analytical nanoscience
- NMR Spectroscopy
- Electrophoresis
- Microscopy Laboratory Analysis
- X-ray Spectrometry
- Crystallography
- Electron Paramagnetic Resonance Spectroscopy
- Analytical techniques in neurosciences
- Application of resonance-enhanced multiphoton ionization
- Clinical Chemistry and Laboratory Techniques
- Sensor Modifications
- Organic Chemistry
- Chromeleon Chromatography Data System (CDS)



Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/ are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe Interact and share ideas with both peers and mentors

General Queries

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Conference Venue:

Toronto, Canada

Conference Series LLC Ltd
WACC 2018
Scarlet Tindle | Program Manager
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