# Tentative Program

4th World Congress on

# Mass Spectrometry

London, UK June 19-21, 2017



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

## ***For available speaker slots***

euromassspectrometry@conferenceseries.net

# Renowned Speakers



**Elliot R. Bernstein**
Colorado State University
USA



**K.W. Michael Siu**
University of Windsor
Canada



**Alexander A. Sysoev**
National Research Nuclear University MEPhI, Russia



**Athula Attygalle**
Stevens institute of technology, USA



**Marek M Kowalczuk**
University of Wolverhampton
UK



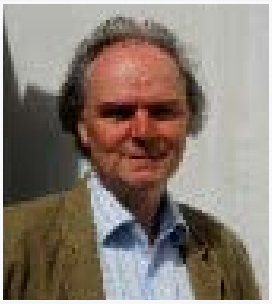
**CHEN Jianmin**
Fudan University
China



**Wonku Kang**
Chung-Ang University
South Korea



**Eduard Rogatsky**
Wadsworth Center
USA



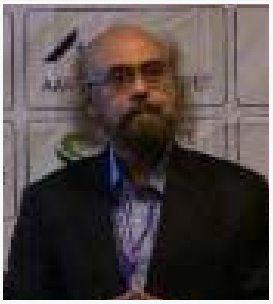
**Magnus S. Magnusson**
University of Iceland
Iceland



**Luis F. Guido**
University of Porto
Portugal



**Hermann Wollnik**
New Mexico State University
USA



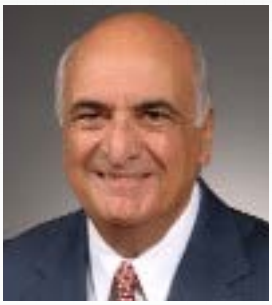
**Purushottam Chakraborty**
Saha Institute of Nuclear Physics
India



**Xiaodong Zhang**
The Australian National University, Australia



**Ali Mohammad-Djafari**
CNRS--Univ Paris Sud
France



**Miral Dizdaroglu**
National Institute of Standards and Technology, USA



**Małgorzata Iwona Szynkowska**
Lodz University of Technology
Poland


http://www.massspectra.com/europe/

# Conference Highlights

- Applications of Mass Spectrometry
- New Approaches in Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry
- Mass Spectrometry in Proteome Research
- Mass Spectrometry in Metabolomics
- Hyphenated Techniques
- Mass spectrometry in food analysis, industry and environmental analysis
- Metabolomics/Lipidomics: new MS technologies
- Mass spectrometry Imaging
- Fundamentals of Mass Spectrometry
- Proteomics from Discovery to Function and its applications
- Ionization Techniques
- Mass Spectrometry Configurations and Separation Techniques
- Chromatography and High Performance Liquid Chromatography (HPLC)
- Maintenance, Troubleshooting, Data Analysis and Experimentation in Mass Spectrometry
- Spectroscopy

**For detailed sessions, please visit:** http://massspectra.com/europe/call-for-abstracts.php

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**Register online:** http://massspectra.com/europe/registration.php



# Glimpses of Mass Spectrometry Conference

















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# Glimpses of Mass Spectrometry Conference
















# Plan Your Trip to London


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National Gallery


Science Museum


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Southbank Centre


Tower of London

*http://www.massspectra.com/europe/*

# Speaker Benefits at Euro Mass Spectrometry 2017

- Career Guidance Workshops to the Graduates, Doctorates and Post-Doctoral Fellows
- Our robust on-line publicity attracts 430000+ users and 760000+ views to our Library of Abstracts which brings worldwide exposure to the researchers and speakers participate in our conferences.
- Speaker and Abstract pages created in Google on your name would get worldwide acknowledgment to your research profile
- Opportunity to get sponsorship for your projects
- Opportunity to **Chair/Co-chair** a session of your interest
- Opportunity to moderate the conference
- Accepted Abstracts will be published in respective supporting journals, each abstract will be labeled with a **DOI** provided by **Cross Ref.**
- Speaker will be felicitated with Certificate
- Best Poster Competitions and Young Researcher Competitions
- B2B meetings
- All attendees can avail **21 CPD Credits** (Continuing Professional Development)
- Certificate Accreditation by the International Organizing Committee **(IOCM)**
- Abstracts will be published in conference souvenir & international journals
- We will include your **University/Institution logo** on the conference banners, books and in the conference website
- Can play the role of **Honorable guest** at the conference
- Speaker name and photograph will be displayed in conference website

**Venue**:

**Holiday Inn London - Brentford Lock Commerce Rd, London TW8 8GA, UK**



# **Speaker and Poster Opportunities Available**

**Tentative Program Euro Mass Spectrometry 2017 June 19-21, London UK**

**Opening Ceremony**

**Introduction**

**Title: Precision mass measurements by time-of-flight mass spectrometry in the laboratory and in space missions**

**Hermann Wollnik, New Mexico State University, USA**

**Title: Problems and solutions of laser mass spectrometry**

**Alexander A. Sysoev ,** National Research Nuclear University MEPhI, Russia

**Title: Gas-Phase Dehydration of Protonated Polyglycines**

**K.W. Michael Siu,** University of Windsor, Canada

**Title: A Mass Spectrometry Perspective on Dormancy and Antibiotic Tolerance in Bacteria**

**Steven J. Bark,** University of Houston, USA

**Title:Multistage Mass Spectrometry for Characterization of Bioactive Oligoesters**

**Marek M. Kowalczuk,** University of Wolverhampton, UK

**Title: Measurement of DNA repair proteins in cancer by mass spectrometry**

**Miral Dizdaroglu,** National Institute of Standards and Technology, USA

**Title: From cities of proteins to the only large-brain mass-societies: Is excessive brain power a hindrance in the emergence of modern human societies?**

**Magnus S. Magnusson,** University of Iceland, Iceland

**Title: New challenges and opportunities in chemical proteomics**

**Roman A. Zubarev,** Karolinska Institutet, Sweden

**Title: Liquid-EI interface: a new concept to enhance performance and stability in liquid chromatography-electron ionization mass spectrometry**

**Achille Cappiello,** University of Urbino, Italy

**Title: Where is the charge located in multifunctional gaseous ions? A survey by Ion Mobility Mass Spectrometry**

**Athula Attygalle,** Stevens Institute of Technology, USA

**Title:The Discovery and Quantification of Long-Chain Fatty Acid Amides using LC/QTOF-MS**

**David J. Merkler,** University of South Florida, USA

**Title: Tropospheric multiphase chemistry elevated by diverse mass-spectrometric techniques**

**Jianmin Chen,** Fudan University, China

**Title: Determination of low-ng/L level N-dimethynitrasamine in water by SPE-HPLC MS/MS**

**Dong An,** Fudan University, China

**Title:Mass spectrometry-based proteomic profiling of muscular dystrophy**

**Kay Ohlendieck,** National University of Ireland, Ireland

**Title: Analysis of Oligonucleotides by Ion-pair Hydrophilic Interaction Liquid Chromatography/Electrospray Ionization Mass Spectrometry (IP-HILIC/ESIMS)**

**Lingzhi Gong ,** Queen Mary University of London, UK

**Title: Determination of Metabolites from Gynostemma pentaphyllum in Rat Urine and Faeces by HPLC-MS**

**Xiang-Lan Piao,** Minzu University of China, China

**Title: Unusual Peptide Fragment Ions in Low-energy CID Process by Charge-Remote Fragmentation Pathways**

**Xinhua Guo,** Jilin University, China

**Title: Proteomic analysis of anti-photoaging activity of the acetylated and amidated peptide GMCCSR**

**Xuewu Zhang,** South China University of Technology, China

**Title: The assessment of the exposure levels to mycotoxins among dairy cattle in the two South African provinces using HPLC (ESI)-MS/MSn**

**Makhapa Makhafola,** Mintek, South Africa

**Title: Analytical aspects and biomedical applications of selenium speciation**

**Nikolay Solovyev ,** St. Petersburg State University, Russia

**Title: Structural investigation of organic compounds and their complexes by ESI MS/MS**

**Nives Galić,** University of Zagreb, Croatia

**Title: Alkali containing molecular ions in SIMS: understanding of the emission phenomena**

**Purushottam Chakraborty,** Saha Institute of Nuclear Physics, India

**Title: Using mass spectrometry as a characterization tool of inorganic coordination compounds: from determination of binding energies to characterization of supramolecular structures**

**Sofia Nikolaou,** University of São Paulo, Brazil

**Title: Role and Place of Mass Spectrometry in Medical Elementology - a New Scientific Discipline**

**Vladimir Zaichick,** Medical Radiological Research Centre, Russia
**Title: Application of ion-paring injection-port derivatization GC-MS to detect phenolic endocrine disruptors in**
**Wang-Hsien Ding ,** National Central University, Taiwan
**Title:From ESI to APCI, MMI and APPI, Complications of Adduct Ions on MRM at Different LC-MS/MS Ionization**
**Wenjie Cao,** SABIC Technology Center, Saudi Arabia
**Title: Synchrotron Multiplexed Photoionization Mass Spectrometric Investigations in Combustion and Atmospheric**
**Giovanni Meloni ,**University of San Francisco, USA
**Title: Laser ablation inductively coupled plasma mass spectrometry for quantitative imaging of elements in**
**Miho TANAKA,** Tokyo University of Marine Science and Technology, Japan
**Title: GC/MS application in the determination of lipids in archaeological artifacts samples**
**Pedro José Sanches Filho**, Instituto Federal de Educação Ciência e Tecnologia Sul-rio-grandense, Brazil
**Title: Inverse problems in Mass Spectrometry and Bayesian solutions**
**Ali Mohammad-Djafari,** CNRS, France
**Title: Discovery and mechanistic studies of an unusual remote radical-induced side-chain loss from tyrosine-containing peptide radical cations in the gas phase**
**Chi-Kit Andy Siu,** City University of Hong Kong, China
**Title:Investigating the conformation of alkalized leucine-enkephalin complex by H/D exchange and theoretical**
**Chuan-Fan Ding,** Fudan University, China
**Title: Multielemental speciation analysis of five toxic species: As(III), As(V), Cr(VI), Sb (III) and Sb(V) in drinking water samples by advanced hyphenated technique HPLC/ICP-DRC-MS**
**Danuta Barałkiewicz,** Adam Mickiewicz University in Poznań, Poland
**Title: Root causes of LC/MS data variability**
**Eduard Rogatsky,** Wadsworth Center, USA
**Title: Novel approach for the determination by HPLC-MS/MS of microcystins LR, LY, LA, YR, RR, LF, LW, and nodularin in lake water and crops**
**Gianluca Trifirò,** Experimental Zooprophylactic Institute of Puglia and Basilicata Regions, Italy
**Title:New method for comprehensive detection of trace elements in environmental or biochemical materials using an electron-cyclotron-resonance ion-source mass spectrometer**
**Kazuya Takahashi,** RIKEN, Japan
**Title: Restricted molecularly imprinted polymers and direct mass spectrometry for analysis of tricyclic antidepressants from human plasma**
**Mariane Gonçalves Santos ,** Federal University of Alfenas, Brazil
**Title:Discovery and Validation of Biomarkers for Gliomas using mass spectrometry based quantitative and targeted**
**Sanjeeva Srivastava,** IIT Bombay, India
**Title: Simultaneous quantification of eight active flavonoids constituents in Gleditsiae Spina by high-performance liquid chromatography coupled with electrospray ionisation tandem mass spectrometry**
**Tiejie Wang,** Shenzhen Institute for Drug Control, China
**Title:The key parameters impacted surface-assisted laser desorption/ionization-mass spectrometry**
**Yuliya E. Silina,** INM-Leibniz Institute for New Materials, Germany
**Title: Molecular ion collision chemistry in CH4 ionization and dissociation**
**A.T. Hasana,** American University of Sharjah, UAE
**Title: Heavy metal concentrations in different tissues of marine benthic crab Metapograpsus messor inhabiting mangrove, north Kosseir, Hurghada, Red Sea**
**AbdAllah A.T,** Assiut University, Egypt
**Title:Mass spectrometry application to molecular toxicology and biomarker discovery: carcinogen-modified histones**
**Alexandra Maria Moita Antunes,** Instituto Superior Técnico / Centro de Química Estrutural, Portugal
**Title: Heteroelement-incorporated full-length protein standards for protein quantification by mass spectrometry**
**Anna Konopka,** University of Warsaw, Poland
**Title: Affinity labeling studies and mass spectrometric analyses on human 80S or E. coli 70S ribosomes reveal how the ribosomes translate cancer**
**Codjo Hountondji,** University Pierre et Marie Curie (Paris 6), France
**Title:High-throughput screening of protein-bound drugs and enzyme inhibitors using ambient mass spectrometry**
**Jin Ouyanga,** Beijing Normal University, China
**Title: Total reflection X-ray fluorescence spectrometry (TXRF) as a convenient tool for quantification of biological**
**Joanna Fiedor,** AGH-University of Science and Technology, Poland

**Title:Mass spectrometry diagnostics in highly ionized plasma: a key tool to optimize the sputtering process and the**
**Julien Keraudy,** University of Nantes, France

**Title:New insights into the qualitative phenolic profile of Ficus carica L. and Olea europaea L. by-products from Tunisia using ultra-high-performance liquid chromatography coupled to quadrupole-time-of-flight mass**
**Mohamed Bouaziz,** University of Sfax, Tunisia

**Title: The Plasmonic Spectroscopy of Homo and Heterodimers of Silver and Gold Nanocubes**
**Nasrin Hooshmand,** Georgia Institute of Technology, USA

**Title: : Spectroscopy of small doped silicon clusters**
**Nguyen Xuan Truong,** The University of Manchester, United Kingdom

**Title: Mass spectrometry as a powerful spectroscopic tool for the structural identification of natural phenolic compounds and their reaction products**
**Nour Eddine ES-SAFI,** Mohammed V University of Rabat, Morocco

**Title:Autoimmune regulator (AIRE) regulates the expression of several nucleic acid binding and cytoskeletal proteins i**
**Pradeep G Kumar,** Rajiv Gandhi Centre for Biotechnology, India

**Title: Eco-friendly UHPLC-MS/MS method for analysis of multi-class micropollutants in drinking water**
**Ana R. Ribeiro,** Universidade do Porto, Portugal

**Title: Role of GC-MS and LC-MS/MS in pharmaceutical industry with special reference to Quantification of**
**Rupakula Ravichandra Babu,** GitamUniversity, India

**Title: Potential role of mass spectrometry in mineral and trace element analysis in nutrition research**
**Sreenivasa RJ,** National Institute of Nutrition, India

**Title: Indicating/Quantifying Oxidative Stress Response to Exercise Stimuli**
**Taghreed Fagieh,** Loughborough University, UK

**Title: Features of Gas Chromatography-Mass Spectrometry Determination of o-Phthalates in Low Alcohol Wines with Liquid-Liquid Microextraction**
**V.A. Krylov,** N. I. Lobachevskii Nizhny Novgorod State University, Russia

**Title:Quantitative determination of sulfisoxazole and its three N-acetylatedmetabolites using HPLC–MS/MS, and the saturable pharmacokineticsof sulfisoxazole in mice**
**Minsoo Kim,** Chung-Ang University, South Korea

**Title: Helix MC Plus high resolution noble gas mass spectrometer at the Australian National University**
**Xiaodong Zhang,** The Australian National University, Australia

**Title: Screening new urine biomarkers of IgA nephropathy by proteomics**
**Yang Lu,** State Key Laboratory of Kidney Diseases, China

**Title: Clinical proteomics for biomarker discovery and verification of bladder cancer**
**Yi-Ting Chen,** Chang Gung University, Taiwan

**Title: Reviews of organic-assisted dissolution method to enhance the quantitative Analysis for the determination of hexavalent chromium (Cr(VI)) in polymer**
**Youn Sung Kim,** Samsung SDI, Republic of Korea

**Title: Adipose tissue and adipokines as promising therapeutic targets for obesity-associated cardiovascular and**
**Yu Wang,** The University of Hong Kong, China

**Title: Combination of SEC & MALDI techniques for characterization of the continuous phase in dispersion**
**Antonio Veloso Fernández ,** University of the Basque Country, Spain

**Title: The role of mass spectrometry in understanding and preventing food allergies**
**Barbara Prandi,** University of Parma, Italy

**Title: A novel RP-HPLC method for the simultaneous estimation of cardiovascular drugs in a polycap formulation**
**Celina nazareth,** PES's Rajaram and Tarabai Bandekar College of Pharmacy, India

**Title: Determination of ultra-trace level of Pu isotopes in seawater sample using Multi Collector Inductively Coupled Plasma Mass Spectrometry (MC-ICP-MS)**
**Inhee Choi,** Korea Institute of Nuclear Safety, South Korea

**Title: Detection and quantification of acrylamide in cookies by LC-ESI-*Orbitrap***
**Luis F. Guido,** University of Porto, Portugal

**Title: Advances in Applications of Mass Spectrometry (ToF-SIMS, LA-ICP-ToF-MS) for Forensic Analysis**
**Malgorzata Iwona Szynkowska, Lodz University of Technology, Poland**

**Title: Advanced analytical techniques for the extraction and characterization by gas chromatography mass spectrometry of plant-derived Essential oils**

**Rabia ikram/waseem,** University of Malaya, Malaysia

**Title: Tryst with anticancer drug design -application of LC/ESI-MS/MS spectrometry of anticancer metaabolites from novel fungal endophytes**

**Satish. C. Puri,** CSIR-institute of integrative medicines jammu, India

**Title: Isotope Analysis of Sulfur, Bromine, and Chlorine in Individual Anionic Species by Ion Chromatography/Multic**

**Yevgeni Zakona,** The Hebrew University, Israel

**Title:The state of the art of method validation in liquid chromatography mass spectrometry (LC–MS), especially with electrospray ionization (LC-ESI-MS)**

**Ivo Leito,** University of Tartu, Estonia

**Title: Bioprospection of new molecules on Brazilian animal venoms – the use of mass spectrometry as a tool for drug**

**Juliana Mozer Sciani,** Butantan Institute of Biochemistry and Biophysics, Brazil

**Title: Explorations into isomeric peptides of opposite directionalities by tandem mass spectrometry**

**Dinkar Sahal,** International Centre for Genetic Engineering and Biotechnology, India

**Title: Photoionisation of nanoclusters : Collisional heating of confined electrons**

**R.K. Vatsa, Bhabha Atomic Research Centre, India**

**Title: Arginine modification by 1,2-dicarbonyl compounds studied by liquid chromatography - electrospray ionization mass spectrometry (LC-ESI-MS)**

**V. Sabareesh,** Vellore Institute of Technology (VIT) University, India

**Title: Theoretical study of the mode of coordination chelating ligands in the lanthanides**

**Bouchekioua Saad,** University Echahid Hamma Lakhdar El-Oued, Algeria

**Title: Study of Biodiesel potential of Microalgae Biomasses by MS and NMR Spectroscopic techniques**

**Amarjit S. Sarpal,** Indian Oil Corporation Ltd., R& D Center, India

**Title: Conformational dynamics of human hemoglobin in live red blood cells probed by hydrogen/deuterium exchange based mass spectrometry**

**Amit Kumar Mandal,** St. John's Research Institute, India

**Title:New insights into the qualitative phenolic profile of Ficus carica L. and Olea europaea L. by-products from Tunisia using ultra-high-performance liquid chromatography coupled to quadrupole-time-of-flight mass**

**Mohamed Bouaziz,** University of Sfax, Tunisia

**Title: Use of immuno-affinity mass spectrometry (IA-LC/MS) for the quantitation of low abundant peptides in human**

**Omar F. Laterza,** Merck Research Laboratories, , USA

**Panel Disscussion**

**Award Ceremoney**

**For Queries Please contact us at**

**euromassspectrometry@conferenceseries.net | massspectrometry@chemistryconferences.org**

