Social Program

Toulouse, with its artistic atmosphere, offers excellent opportunities for scientific, cultural and social experiences in a unique setting.

- Excursion to Carcassonne (Tuesday afternoon)
- Concert at the St Sernin Basilica (Monday evening)
- Gala dinner in a wonderful place in Toulouse (Tuesday evening)

KEY DATES

Abstract deadline:
April 15, 2019

Notification:
April 30, 2019

Earlybird deadline:
June 30, 2019

Short courses and Opening session:
September 1, 2019

Symposium:
September 2-4, 2019

Symposium Gala:
September 3, 2019

CONTACTS

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www.itp2019.com

SHORT COURSE

Data processing in capillary electrophoresis

By Pavel Dubsky - *ECHMET group, Faculty of Science, Charles University, Prague, Czech Republic*

Sunday 1st september - 2 p.m.- 4 p.m.

Max 25 participants.

Based on a first come first served.

Free of charge for the ITP participant.

iTP2019

September 1-4

26th International Symposium on Electroseparation and Liquid Phase-Separation Techniques

- 60 oral presentations slots in two parallel sessions
- 4 plenary lectures
- 22 invited keynote lectures
- 100 posters
- A young researchers session
- An AFSEP labelled session
- A PortASAP COST session

TOULOUSE
September 1-4, 2019
France

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Agilent Technologies · CIL Cluzeau Info Labo · MS Noise · Nicometrics · SCIEX · Shimadzu · WynSep Adaptive Separation

iTP 2019
September 1-4
26th International Symposium on Electroseparation and Liquid Phase-Separation Techniques
University Paul Sabatier - TOULOUSE - France

Prof. Hervé Cottet
University of Montpellier
Co Chair

Prof. François Couderc
University of Toulouse
Co Chair

WELCOME

to the 26th International Symposium on Electroseparation and Liquid Phase-Separation Techniques

ITP symposium series, inaugurated in Belgium in 1979, is one of the most recognized international meeting addressing the latest issues and innovations in all areas of electro- and liquid phase separations techniques. The scientific areas of the symposium cover a wide range of technologies based on electro- and liquid phase-separations: capillary and microchip electrophoresis, electrokinetic chromatography, two-dimensional electrophoresis, HPLC, UPLC, Micro- and Nanoscale HPLC, and their hyphenation with MS. Applications of these techniques in (bio)analysis, (bio)pharmaceuticals, life science research, environmental analysis, food safety and authenticity, space science, forensic, toxicology, and (bio)polymers will be emphasized.

TOPICS

- Capillary Electrophoresis
- Liquid phase separation techniques
- Data processing and data analysis
- Metabolomics
- Bioanalysis / Pharmaceuticals
- Multidimensional separations
- New advances and fundamentals in separation sciences
- Natural and food products
- Microscale separations / microchips
- Portable Capillary electrophoresis
- Coupling with MS
- + Young scientist session
- + AfSep labelled session
- +Open-source and portable analytical instrumentation session (in collaboration with the European PortASAP COST action)

INTERNATIONAL SCIENTIFIC COMMITTEE

Ana Maria Garcia-Campaña *(Grenade, Spain)* / **Bezhan Chankvetadze** *(Tbilisi, Georgia)** / **David Chen** *(Vancouver, Canada)* / **Alejandro Cifuentes** *(Madrid, Spain)** / **Hervé Cottet** *(Montpellier, France)* / **François Couderc** *(Toulouse, France)* / **Ziad El Rassi** *(Stillwater, USA)** / **Salvatore Fanali** *(Rome, Italy)** / **František Foret** *(Brno, Czech Republic)** / **Carlos D. García** *(Clemson, SC, USA)** / **Bohuslav Gas** *(Prague, Czech Republic)** / **Václav Kašička** *(Prague, Czech Republic)** / **Sergey Krylov** *(Toronto, Canada)* / **Jörg Kutter** *(Copenhagen, Denmark)* / **Blanca Lapizco-Encinas***(Rochester, USA)** / **Koji Otsuka** *(Kyoto, Japan)** / **Marja-Liisa Riekkola** *(Helsinki,Finland)** / **Marina Tavares** *(Sao Paulo, Brazil)** / **Myriam Taverna** *(Paris, France)* / **Peter Willis** *(Pasadena, CA, USA)*

*Permanent Scientific Committee

PLENARY LECTURES

- **David Chen,** *University of British Columbia, Vancouver, Canada*
  Capillary electrophoresis mass spectrometry for top-down analysis of large proteins
- **Frantisek Foret,** *Academy of Sciences, Brno, Czech Republic*
  Instrumentation and Applications of Epitachophoresis
- **Sergey Krylov,** *New-York University, Toronto, Canada*
  Accurate Constant via Transient Incomplete Fast Separation (ACTIFS): Approach for Finding Accurate Kd of a Protein-Drug ComplexV
- **Peter A. Willis,** *University of California, Pasadena, USA*
  Separating Life from Non-Life on Ocean Worlds

KEYNOTES

- **Patrice Castignolles,** *Western Sydney University, Australia*
  Tackling the high dimensionality of polyelectrolytes and polysaccharides using free solution capillary electrophoresis (critical conditions)
- **Doo Soo Chung,** *Institute Seoul National University - SNU - Department of Chemistry - South Korea*
  Metabolomics Liquid extraction surface analysis coupled with capillary electrophoresis
- **Pavel Dubsky,** *Czech Technical University, Prague, Czech Republic*
  The flourish landscape of capillary zone electrophoresis and electrokinetic chromatography: from mathematical roots to everyday practice
- **Ziad El Rassi,** *Oklahoma State University, Stillwater, USA*
  Design of precursor monolithic columns and their post polymerization modifications with various ligands for use in liquid phase separation techniques".
- **Guillaume Erny,** *University of Porto, Portugal*
  Open source hardware in chemical analysis : Tools or toys?
- **Alberto Escarpa,** *Universidad de Alcalá, Spain*
  Nanomaterials based electrochemical detectors in microfluidics for (bio) analytical applications
- **Marianne Fillet,** *University of Liege, Belgium*
  Evaluation and comparison of different separation techniques coupled to ion-mobility mass spectrometry for the deciphering of molecular networks
- **Ana M. García-Campaña,** *University of Granada, Spain*
  Capillary electromigration methods: a real alternative in food safety?
- **Carlos D Garcia,** *Clemson University, South Carolina, USA*
  Simplicity, as the key for analytical methodologies
- **Bohuslav Gas,** *Charles University, Prague, Czech Republic*
  Electromigration in micro and nanoscale
- **Javier Hernández Borges,** *University of la Laguna, Tenerife, Canary Islands, Spain*
  The challenge of plastic migrants analysis using nanomaterials
- **Vaclav Kasicka,** *Czech Academy of Sciences, Prague, Czech Republic*
  Capillary electrophoresis employed for study of noncovalent (bio)molecular interactions
- **Jörg Kutter,** *University of Copenhagen, Denmark*
  Thiol-ene based microfluidic devices for pharmaceutical applications
- **Blanca H. Lapizco-Encinas,** *Rochester Institute of Technology, USA*
  Particle separation and assessment with electric fields
- **Jesper Østergaard,** *University of Copenhagen, Denmark*
  Taylor dispertsion analysis in biomedical analysis : sizing, interaction studies and quantification of biopharmaceuticals
- **Koji Otsuka,** *Kyoto University, Japan*
  Unique microscale separations using specific interactions
- **Marja-Liisa Riekkola,** *University of Helsinki - Finland*
  Molecular Interactions - key to successful biomolecule isolations
- **Carolina Simó,** *Institute of Food Science Research (CIAL), Madrid, Spain*
  Metabolomics, a key technology in the emerging field of gut microbiota
- **Govert W. Somsen,** *Vrije University of Amsterdam, The Nederlands*
  Alliances Probing protein conformation with CE and MS
- **Hanno Stutz,** *University of Salzburg, Austria*
  Alliances of different CE and CE-MS approaches for the PTM characterization of allergens
- **Myriam Taverna,** *University of Paris Sud, France*
  Capillary Electrophoresis , an efficient technique for Drug Screening related to protein agregation diseases
- **Hermann Wätzig,** *Technical University, Braunschweig, Germany*
  Winning with the ACE - Affinity Capillary Electrophoresis for precise binding assays