



September 1-4

26<sup>th</sup> International Symposium on  
Electro separation and Liquid Phase-Separation Techniques

University Paul Sabatier - TOULOUSE - France

Sunday, 1<sup>st</sup> September 2019



	Auditorium Marthe Condat	Council Room
14:00-15:00		<b>Publishing workshop for young scientists</b> by ELECTROPHORESIS Journal  <b>Short Course: Data processing in capillary electrophoresis</b> Magda Dovhunová Faculty of Science, Charles University, Prague, Czech Republic
15:00-17:00		
17:30	<b>Opening session</b> Chairs: Hervé Cottet - IBMM, University of Montpellier, France, Francois Couderc - University Paul Sabatier, Toulouse, France	
17:30-18:15 PLENARY LECTURE	<b>Instrumentation and Applications of Epitachophoresis</b> František Foret - Czech Academy of Sciences, Brno, Czech Republic	
18:15-18:30	<b>Social event</b>	
18:30-20:00	<b>Welcome reception</b>	



Monday, 2<sup>nd</sup> September 2019

	Auditorium Marthe Condat	Council Room
08:40	<b>PLENARY SESSION</b> Chairs: Bohuslav Gaš - Charles University, Prague, Czech Republic, Marja-Liisa Riekkola - University of Helsinki, Finland	
8:40-9:25 PLENARY LECTURE	<b>Transient Incomplete Separation Facilitates Finding Accurate Equilibrium Dissociation Constant, <math>K_d</math>, of Protein–Small Molecule Complex</b> Sergey N. Krylov - York University, Toronto, Canada	
09:30	<b>Affinity Capillary Electrophoresis</b> Chairs: Marja-Liisa Riekkola - University of Helsinki, Finland Bohuslav Gaš - Charles University, Prague, Czech Republic	<b>Liquid Chromatography 1</b> Chairs: Carlos D Garcia - Clemson University, South Carolina, USA, Koji Otsuka - Kyoto University, Japan
9:30-9:55 KEY NOTE	<b>Affinity Capillary Electrophoresis for Reliable Ligand Binding Assays</b> Hermann Wätzig - Technical University, Braunschweig, Germany	<b>Fast and efficient isolation of human biomacromolecules by immunoaffinity chromatography with monolithic disk columns</b> Marja-Liisa Riekkola - University of Helsinki - Finland
9:55-10:20 KEY NOTE	<b>Partial filling affinity capillary electrophoresis for study of noncovalent (bio)molecular interactions</b> Václav Kašíčka - Czech Academy of Sciences, Prague, Czech Republic	<b>Design of Monolithic Column Precursors and Their Post Polymerization Modifications with Various Ligands for Use in Liquid Phase Separation Techniques</b> Ziad El Rassi - Oklahoma State University, Stillwater, USA
10:20-10:35	<b>Assignment of complex species by affinity capillary electrophoresis: the case of Th(IV)-desferrioxamine B</b> Vladimir Sladov - Institut de Physique Nucléaire, IN2P3-CNRS, Université Paris-Sud, Université Paris-Saclay, Orsay, France	<b>Simple analytical device for determination of aflatoxins using thin-layer chromatography imaging with a smartphone</b> Chanida Puangpila - Department of Chemistry, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand
10:35-10:50	<b>Development of Affinity Electrophoretic Method for Analysis of Molecular Interactions in Lipid Nano-Membrane</b> Yukihiro Okamoto - Graduated School of Engineering Science, Osaka University, Osaka, Japan	<b>Use of Cyclofructans, Cyclodextrins and Amino Acid Ester-Based Ionic Liquids in EKC and HPLC for Improved Chiral Separations</b> Constantina Kaprissi-Christodoulou - Department of Chemistry, University of Cyprus, Nicosia, Cyprus

# Monday, 2<sup>nd</sup> September 2019 (next)

10:50-11:30	<b>Coffee break</b>	
11:30	<b>Bioanalytical (1)</b> Chairs: Ziad El Rassi - Oklahoma State University, Stillwater, USA, František Foret - Czech Academy of Sciences, Brno, Czech Republic	<b>MS and Liquid Chromatography (2)</b> Chairs: David Chen - University of British Columbia, Vancouver, Canada, Hanno Stutz - University of Salzburg, Austria
11:30-11:55 <span style="color: magenta;">KEY NOTE</span>	<b>Nanomaterials based electrochemical detectors in microchips electrophoresis for (bio) analytical applications</b> Alberto Escarpa - Universidad de Alcalá, Spain	<b>Chiral and Conformational Analysis by Trapped Ion Mobility Spectrometry</b> Govert W. Somsen - Vrije University of Amsterdam, The Netherlands
11:55-12:20 <span style="color: magenta;">KEY NOTE</span>	<b>Unique Microscale Separations Using Specific Interactions</b> Koji Otsuka - Kyoto University, Japan	<b>Evaluation and comparison of different separation techniques coupled to ion-mobility mass spectrometry for the deciphering of molecular networks</b> Marianne Fillet - University of Liege, Belgium
12:20- 12:35	<b>Selection of DNA aptamers based on separation of DNA-protein complexes from DNA library using Ideal-Filter Capillary Electrophoresis (IFCE)</b> Svetlana M. Krylova - York University, Toronto, Ontario, Canada	<b>Linear Retention Index in Liquid Chromatography: New Approach for the Quality Control of Furocoumarins in Cosmetics and Food</b> Adriana Arigo - University of Messina, Polo Annunziata, Messina, Italy
12:35- 12:50	<b>DNA Thermal Stability Decreases with Increasing Solvent Viscosity</b> Nancy Stelwagen - University of Iowa, Iowa City, IA, USA	<b>Evaluation of column dispersion in isocratic and gradient HPLC based on the behaviour of a set of compounds</b> Maria-Celia Garcia Alvarez Coque - , University of Valencia, Burjassot, Spain
12:50-13:05	<b>Multiple Modes Capillary Electrophoresis : The Efficient Technology For Aptamers Selection And Bioanalysis</b> Feng Qu - School of Life Science, Beijing Institute of Technology, Beijing, China	<b>Study of the retention mechanisms of bisphenols on reversed phase U-HPLC columns by molecular modeling and Artificial Neural Networks</b> Jean-Christophe Garrigues - University Paul Sabatier, Toulouse, France
13:00-13:40	<b>Lunch seminar SCIEX</b>	
13:40-14:40	<b>Poster session</b>	
14:40	<b>Fundamentals (1)</b> Chairs: Doo Soo Chung - Institute Seoul National University, SNU - Department of Chemistry, Rep. of Korea, Sergey Krylov - York University, Toronto, Canada	<b>Particles / Polymers analysis</b> Chairs: Javier Hernández Borges - University of la Laguna, Tenerife, Canary Islands, Spain, Myriam Taverna - University of Paris Sud, France
14:40-15:05 <span style="color: magenta;">KEY NOTE</span>	<b>Electromigration in micro and nanoscale</b> Bohuslav Gaš - Charles University, Prague, Czech Republic	<b>Particle separation and assessment with electric fields</b> Blanca H. Lapizco-Encinas - Rochester Institute of Technology, USA
15:05-15:30 <span style="color: magenta;">KEY NOTE</span>	<b>Simplicity, as the key for analytical methodologies</b> Carlos D Garcia - Clemson University, South Carolina, USA	<b>Free solution capillary electrophoresis to characterize proteins, drug carriers or rice, and to monitor drug loading and digestion</b> Patrice Castignolles - Western Sydney University, Australia
15:30-15:45	<b>What Sherlock sorely missed: the EVA technology for Cultural Heritage exploration</b> Pier Giorgio Righetti - Department of Chemistry, Politecnico di Milano, Milano, Italy	<b>An Understanding of the Biological Roles of Glycoproteins through Reliable Quantitation of both Glycans and Glycopeptides</b> Yehia Mechref - Department of Chemistry and Biochemistry, Texas Tech University, Lubbock, USA
15:45-16:00	<b>Investigation of cell mobility and deformability</b> Karel Klepárník - Institute of Analytical Chemistry of the Czech Academy of Sciences, Brno, Czech Republic	<b>Protein adsorption modeling for microfluidic wall-coated liquid chromatography columns</b> Raghu Krishna Moorthy - Department of Chemical Engineering, Indian Institute of Technology, Bombay, Mumbai, India
16:00-16:40	<b>Coffee break</b>	
16:40	<b>PortASAP COST and Portable CE session</b> Chairs: Václav Kašíčka - Czech Academy of Sciences, Prague, Czech Republic, Yoann Ladner - University of Montpellier, France  	<b>Bioanalytical (2)</b> Chairs: Ana M. García-Campaña - University of Granada, Spain, Frederic Robert - SEBIA, Evry, France
16:40-17:05 <span style="color: magenta;">KEY NOTE</span>	<b>Open source hardware in chemical analysis: Tools or toys?</b> Guillaume Erny - University of Porto, Portugal	<b>HPLC and cylindrical PAGE purification of RNA aptamers with single nucleotide resolution</b> Li Niu - University at Albany, New York, USA
17:05-17:20	<b>Open source capillary electrophoresis device for quality control of medicines</b> Olivier Vorlet - Haute école d'ingénierie et d'architecture de Fribourg, Haute Ecole Spécialisée de Suisse occidentale, Fribourg, Suisse	<b>Preclinical Pharmacokinetic Exploration of Novel Combination for the Treatment of Prostate Cancer Using a Validated UHPLC-QTOF-MS Method</b> David Paul - National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad, Telangana, India
17:20-17:35	<b>Portable centrifugal microfluidic platforms for on-site analysis of herbicides</b> Mercedes Vasquez - School of Chemical Sciences, National Centre for Sensor Research, Dublin City University, Glasnevin, Ireland	<b>Direct counting of exosomes in a culture medium with laser-induced fluorescence</b> Takashi Kaneta - Department of Chemistry, Graduate School of Natural Science and Technology, Okayama University, Okayama, Japan
17:35-17:50	<b>Portable Electrophoresis Titration Chips for Visual Assays of Protein, Enzyme, C-reactive protein and Uric Acid in Milk and Blood Samples</b> Chengxi Cao - School of Electronic Information and Electrical Engineering, Shanghai Jiao Tong University, Shanghai , China	<b>Quantitative proteomics of exosomes secreted by liver cells</b> Djuro Josic - Juraj Dobrila University, Pula, Croatia
17:50-18:05	<b>Using portable CE instruments for determining banned compounds in situ</b> Mihkel Kaljurand - Tallinn University of Technology, Tallinn, Estonia	<b>Determination of Exosomal Membrane Proteins CD63 by Capillary Electrophoresis</b> Yumeki Tani - Department of Chemistry, Graduate School of Natural Science and Technology, Okayama University, Okayama, Japan
19:00-20:00	<b>Basilica Saint-Sernin organized tour</b>	

**Tuesday, 3<sup>rd</sup> September 2019**

	<b>Auditorium Marthe Condat</b>	<b>Council Room</b>
<b>08:40</b>	<b>PLENARY SESSION</b> Chairs: Marianne Fillet - University of Liege, Belgium, Pierre Sonigo - SEBIA, Evry, France	
<b>8:40-9:25</b> <b>PLENARY LECTURE</b>	<b>Capillary electrophoresis mass spectrometry for top-down analysis of large proteins</b> <b>David Chen - University of British Columbia, Vancouver, Canada</b>	
<b>09:30</b>	<b>Bioanalytical (3)</b> Chairs: Marianne Fillet - University of Liege, Belgium, Pierre Sonigo - SEBIA, Evry, France	<b>Young Session (1)</b> Chairs: Patrice Castignolles - Western Sydney University, Australia, Guillaume Ery - University of Porto, Portugal
<b>9:30-9:55</b> <b>KEY NOTE</b>	<b>Alliances of different CE and CE-MS approaches for the PTM characterization of allergens</b> Hanno Stutz - University of Salzburg, Austria	<b>Metabolomics, a key technology in the emerging field of gut microbiota</b> Carolina Simó - Institute of Food Science Research (CIAL), Madrid, Spain
<b>9:55-10:10</b>	<b>A fully automated salting-out assisted liquid-liquid extraction (A-SALLE) procedure coupled with on-line stacking for the analysis of tyrosine kinase inhibitors (TKIs) in human plasma</b> Yoann Ladner - University of Montpellier, France	<b>Imaged capillary isoelectric focusing coupled to mass spectrometry: online iCIEF-ESI-MS of monoclonal antibodies (mAb)</b> Johannes Schlecht - Faculty of Chemistry, Aalen University, Aalen, Germany
<b>10:10-10:25</b>	<b>Capillary Electrophoresis for Quantitative Analysis of Dried Blood Spot Samples</b> Pavel Kubán - Institute of Analytical Chemistry, Czech Academy of Sciences, Brno, Czech Republic	<b>Albuminome, a new way to discover new disease biomarkers: Alzheimer's Disease as a study case</b> Emilie Rossi - Institut Galien Paris Sud, UMR8612, Protein and Nanotechnology in Analytical Science (PNAS), CNRS, Univ. Paris-Sud, Université Paris-Saclay, Châtenay-Malabry, France
<b>10:25-10:40</b>	<b>Purpose-made CE instrumentation for pharmaceutical and diagnostic applications</b> Thanh Duc Mai - Institut Galien Paris Sud, UMR 8612, Protein and Nanotechnology in Analytical Science (PNAS), CNRS, Univ. Paris-Sud, Univ. Paris-Saclay, Châtenay-Malabry, France	<b>Low-cost paper-origami DNA microfluidics for rapid microbial analysis</b> Zhugen Yang - 1 Cranfield Water Science Institute, Cranfield University, Bedfordshire, United Kingdom
<b>10:40-10:55</b>	<b>Determination of drugs of abuse in oral fluid by capillary electrophoresis using fluorescence detection</b> Piret Saar-Reismaa - Department of Chemistry and Biotechnology, Tallinn University of Technology, Tallinn, Estonia.	<b>Ultra-miniaturized weak affinity chromatography for protein-ligand interaction study: application to membrane proteins, targets of high pharmaceutical interest</b> Lucile Lecas - 1 Université de Lyon, Institut des Sciences Analytiques, UMR 5280, CNRS, Université Lyon 1, Villeurbanne, France
<b>10:55-11:10</b>	<b>Immobilization of enzymes on magnetic particles: recent experience with sulfotransferase and aldehyde oxidase</b> Ann Van Schepdael - University of Leuven, Pharmaceutical Analysis, Leuven, Belgium.	<b>Study and characterization of antigen-adjuvant interactions in vaccines by frontal analysis continuous capillary electrophoresis (FACCE)</b> Camille Malburet - IBMM, University of Montpellier, CNRS, ENSCM, Montpellier, France
<b>11:10-11:45</b>	<b>Coffee break</b>	
<b>11:10</b>	<b>Bioanalytical (4)</b> Chairs: Frederic Ginot - PicoMetrics Technologies, Labège, France, Jörg Kutter - University of Copenhagen, Denmark	<b>Young Session (2)</b> Chairs: Blanca H. Lapizco-Encinas - Rochester Institute of Technology, USA, Li Niu - University at Albany, New York, USA
<b>11:45-12:10</b> <b>KEY NOTE</b>	<b>Capillary electromigration methods: a real alternative in food safety?</b> Ana M. Garcia-Campaña - University of Granada, Spain	<b>The challenge of plastic migrant analysis using nanomaterials</b> Javier Hernández Borges - University of La Laguna, Tenerife, Canary Islands, Spain
<b>12:10-12:25</b>	<b>Characterization of the polyphenolic profile from different cultivars of Brassica juncea by comprehensive two-dimensional liquid chromatography coupled to mass spectrometry</b> Katia Arena - Farmaceutiche ed Ambientali, University of Messina -Messina, Italy	<b>µLAS Technology for RNA Separation</b> Bayan Chami - LAAS-CNRS, Toulouse, France.
<b>12:25-12:40</b>	<b>Identification of Pistacia atlantica leaves and fruits methanolic extracts using thin layer chromatography and ultra high performance liquid chromatography-high resolution mass spectrometry</b> Saida Tahouch - Université de Nice Sophia Antipolis, Faculté de Médecine, Nice, France	<b>Metabolome/Glycome Analysis of Microscale Biological Samples by Capillary Electrophoresis-Laser Induced Fluorescence / Mass Spectrometry Coupled with a Large-volume Dual Preconcentration Technique</b> Takayuki Kawai - RIKEN Center for Biosystems Dynamics Research, Osaka, Japan
<b>12:40-12:55</b>	<b>Capillary Electrophoresis and Contactless Conductivity Detection for In Situ Analysis of Samples from Ocean Worlds</b> Mauro Sergio Ferreira Santos - Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California	<b>The Development of Portable Illegal Drug of Abuse Analyzer: From Idea to Product</b> Jekaterina Mazina-Sinkar - Chemistry and Biotechnology Institute, Tallinn University of Technology, Tallinn, Estonia
<b>12:55-13:10</b>	<b>Tunable and pH-independent electroosmotic flow for capillary electrophoresis separations</b> Dušan Koval - Institute of Organic Chemistry and Biochemistry, Czech Academy of Sciences, Prague, Czech Republic	<b>In-syringe Electrokinetic Clean-up of Human Serum Samples for Electrospray Ionization Mass Spectrometric Analysis</b> Ibraam Mikhail - ARC Training Centre for Portable Analytical Separation Technologies (ASTech), Australia
<b>13:10-13:50</b>	<b>Lunch seminar AGILENT TECHNOLOGIES</b>	
<b>13:50-14:40</b>	<b>Poster session</b>	
<b>15:00-19:30</b>	<b>Walled city of Carcassonne visit</b>	
<b>20:00-23:00</b>	<b>Gala dinner</b>	

Wednesday, 4<sup>th</sup> September 2019 - am

	<b>Auditorium Marthe Condat</b>	<b>Council Room</b>
09:00	<b>Bioanalytical (5)</b> Chairs: Christian Neusüss - Aalen University, Germany, Govert W. Somsen - Vrije University of Amsterdam, The Netherlands	<b>AFSEP session (1)</b> Chairs: Jean-Christophe Garrigues - Université Paul Sabatier, Toulouse, France, Pascal Cardinael - Université de Rouen, France
9:00-9:25 <b>KEY NOTE</b>	<b>Taylor Dispersion Analysis in Biomedical Analysis: Sizing, Interaction Studies and Quantification of Biopharmaceuticals</b> Jesper Østergaard - University of Copenhagen, Denmark	<b>Capillary Electrophoresis, an efficient technique for Drug Screening related to protein aggregation diseases</b> Myriam Taverna - University of Paris Sud, France
9:25-9:40	<b>Sizing of pharmaceutical lipid-based drug delivery systems by Taylor dispersion analysis: monitoring enzymatic lipolysis</b> Joseph Chamieh - IBMM, University of Montpellier, CNRS, ENSCM, Montpellier, France	<b>Enhancing the robustness of your CE-MS data with ROMANCE: electrophoretic mobility made easy</b> Victor Gonzalez-Ruiz - Analytical Sciences, School of Pharmaceutical Sciences, Universities of Geneva and Lausanne, Switzerland
9:40-9:55	<b>Review of Efficient Procedures to Prevent Band Leaking in Toroidal Capillary Electrophoresis (a Quasi-continuous Circulating Layout to Perform Electrokinetic Separations)</b> Tarso Kist - Institute of Biosciences, Federal University Rio Grande do Sul, Porto Alegre, Brazil.	<b>Polyelectrolyte multilayers coatings for the separation of proteins by capillary electrophoresis: influence of polyelectrolyte nature</b> Laurent Leclercq - IBMM, University of Montpellier, CNRS, ENSCM, Montpellier, France
9:55-10:10	<b>Chiral separation of cathinones and other novel psychoactive substances by capillary electrophoresis and capillary electrochromatography</b> Martin Schmid - Institute of Pharmaceutical Sciences, Dept. of Pharmaceutical Chemistry, University of Graz, Austria	<b>Development of a lab-on-a-chip for Proteomics</b> Menel Ben Frej - Chimie ParisTech - PSL Research University, Paris, France
10:10-10:25	<b>Investigation of Enantioselective Interaction and Determination of Binding Constants of Two Calcium Channel Blockers using Capillary Electrophoresis</b> Ratih Ratih - Institute of Medicinal and Pharmaceutical Chemistry, TU Braunschweig, Braunschweig, Germany.	<b>Development of enzymatic microreactors for analysis of monoclonal antibodies</b> Meriem Dadouch - IBMM, University of Montpellier, CNRS, ENSCM, Montpellier, France
10:25-11:15	<b>Coffee break</b>	
11:15	<b>Novelties in electrophoretic devices</b> Chairs: Jesper Østergaard - University of Copenhagen, Denmark Hermann Wätzig - Technical University, Braunschweig, Germany	<b>AFSEP Session (2)</b> Chairs: Agnès Hagège - Institut des Sciences Analytiques, Villeurbanne, France Laurent Leclercq - IBMM, University of Montpellier, France
11:15-11:30	<b>Thiolene-based Microfluidic Devices for Pharmaceutical Applications</b> Jörg Kutter - University of Copenhagen, Denmark	<b>A novel Capillary electrophoresis method to identify and quantify exosomes from bio fluids</b> Marco Morani - Institut Galien Paris Sud, UMR 8612, Protein and Nanotechnology in Analytical Science (PNAS), CNRS, Univ. Paris-Sud, Châtenay-Malabry, France
11:30-11:45	<b>KEY NOTE</b>	<b>Assay of Kinases By Capillary Electrophoresis For Classifying Nucleoside-Analogues As Anti-Viral Molecules</b> Ghassan Al Hamoui Dit Banni - Université d'Orléans, CNRS UMR 7311, Institut de Chimie Organique et Analytique (ICOA), Orléans, France
11:45-12:00	<b>A glass-based valve for 2D capillary electrophoresis and on-chip C4D</b> Benjamin Rudisch - Institute for Theoretical and Physical Chemistry, Universität Tübingen, Tübingen, Germany	<b>The use of bisphenols chromatographic retentions to describe their biological activities</b> Clémence Gely - UMR 1331 INRA/ENVT Toxalim, Toulouse, France
12:00-12:15	<b>Optimization and modeling of matrix-free DNA separation based on electrohydrodynamic actuation in viscoelastic fluids</b> Jeffrey Teillet - Laboratoire d'Analyse et d'Architecture des Systèmes, Toulouse, France	<b>Analysis of fatty acids by perfluoro-MEKC</b> Hai Yen Ta - IMRCP, CNRS UMR 5623, University Paul Sabatier, Toulouse, France
12:15-12:30	<b>Nanofluidic Isolation, Detection and Manipulation of Single Nanoparticles and Extracellular Vesicles</b> Yan Xu - Department of Chemical Engineering, Graduate School of Engineering, Osaka Prefecture University, Japan	<b>Quantification of Pesticide Residues in Cereal Fatty Matrices: Strategy of Sample Preparation for GC-MS/MS and HPLC-MS/MS Analyses</b> Saida Belarbi - Normandie Univ, Laboratoire SMS-EA3233, UNIROUEN, Mont-Saint-Aignan, France
12:30-12:45	<b>ELECTROPHORESIS: Meet the Journal !</b>	
12:30-13:10	<b>Lunch seminar</b>	
13:10-14:00	<b>Poster session</b>	
14:00	<b>CE/MS</b> Chairs: Carolina Simó - Institute of Food Science Research (CIAL), Madrid, Spain, Peter A. Willis - Jet Propulsion Laboratory, California Institute of Technology, Pasadena, USA	<b>Bioanalytical (6)</b> Chairs: Joseph Chamieh - IBMM, University of Montpellier, France, Alberto Escarpa - Universidad de Alcalá, Spain
14:00-14:25 <b>KEY NOTE</b>	<b>CE-CE-MS: Possibilities and Perspectives</b> Christian Neusüss - Aalen University, Germany	<b>Liquid Extraction Surface Analysis Coupled with Capillary Electrophoresis</b> Doo Soo Chung - Institute Seoul National University - Department of Chemistry - South Korea
14:25-14:40	<b>Single step separation of lanthanides and actinides by CE-ICPMS – A powerful tool for isotope analysis</b> Erwan Dupuis - 1 DEN – Service d'Etudes Analytiques et de Réactivité des Surfaces (SEARS), CEA, Université Paris-Saclay, Gif sur Yvette, France	<b>Electrokinetic Sample Extraction and Enrichment, a Smart Method for the Isolation of Traces of Polar Analytes from Sludge-Type Samples Demonstrated by the Isolation of Microcystins from Lake Sediments</b> Thomas Welsch - Institute of Analytical and Bioanalytical Chemistry, Ulm University, Germany
14:40-14:55	<b>Detection of a reduced monoclonal antibody (mAb) at low ng/ml concentration in biological samples by CE-MS</b> Stephen Lock - Sciex, Warrington, United Kingdom	<b>Size distribution of circulating cell-free DNA in plasma is an individual feature, as revealed by <math>\mu</math>LAS technology</b> Frederic Ginot - Picometrics Technologies, Labège, France
14:55	<b>CLOSING SESSION</b> Chairs: Hervé Cottet - IBMM, University of Montpellier, France, François Couderc - University Paul Sabatier, Toulouse, France	
14:55-15:40 <b>PLENARY LECTURE</b>	<b>Separating Life from Non-Life on Ocean Worlds</b> Peter A. Willis - Jet Propulsion Laboratory, California Institute of Technology, Pasadena, USA	
15:40-15:55	<b>Awards ceremony</b>	
15:55-16:00	<b>ITP 2020</b> David Chen - University of British Columbia, Vancouver, Canada	
16:00	<b>Farewell drink</b>	