

SFC 2016 Program

Wednesday, October 5

12:00-12:30 Short Course Registration

12:30-5:00 Short Course

Thursday, October 6

8:00-8:30 Registration

8:30-8:45 Conference Welcome – Larry Miller and Larry Taylor

8:40-9:05 Davy Guillarme, University of Geneva, “Is SFC-MS/MS a Viable Strategy for Doping Control Analysis”

9:05-9:30 Cyrille Santerre, ISIPCA, “SFC-MS as a Tool For Flower Absolute Composition Analysis”

9:35-10:35 Exhibit/Poster Session

10:35-11:00 Raffael Bennett, The Ohio State University, “Separation of Hydrophilic Peptides over 5000 Daltons by Enhanced Fluidity Liquid Chromatography”
Travel Scholarship Winner

11:00-11:25 Laurent Laboureur, CNRS/ICSN, “Epigenetic Study by SFC-HRMS/MS”
Travel Scholarship Winner

11:25-11:55 Jason Hill, Waters Corporation, “Advances in SFC Method Scale-Up”

11:55-2:00 Break

2:00-2:25 Charlotta Turner, Lund University, “From Supercritical Carbon Dioxide to Gas Expanded Liquids in Separation Science”

2:25-2:50 Abhijit Tarafders, Waters Corporation, “Retention Modeling of Solvent Gradients in SFC”

2:50-3:15 Bertyl Andri, University of Liege, “Modeling of the Retention of Pharmaceutical Compounds In Gradient Mode Supercritical Fluid Chromatography; Myth or Reality?”

3:15-4:10 Exhibit/Poster Session

4:10-4:35 Eric Francotte, Novartis, “SCF: A Many-Sided Technology to Support Drug Discovery”

4:35-5:00 Geoffrey Cox, PIC Solution Inc., “Extraction-Injection (X-Injection) As A Solution To the Demands of Sample Introduction in Preparative SFC”

5:00-5:25 Jimmy DaSilva, Merck & Co., “Doing More With Less: Getting the Most Out of Your Prep Columns on SFC”

5:25-5:55 Discussion Group

6:00-7:30 Reception

Friday, October 7

- 8:00-8:30 Registration
- 8:30-8:55 Caroline West, University d'Orleans, "SFC Mobile Phases: Old Intuitions Put To The Test"
- 8:55-9:20 Debby Mangelings, Vrije Universiteit Brussel "Evaluation of Immobilized Polysaccharide-Based Chiral Stationary Phases in SFC"
- 9:20-9:45 Thomas Letzel, Technische Universitat Munchen, "SFC-API-MS: Polarity Extended Separation Technique in Suspects Screening"
- 9:45-10:45 Exhibit/Poster Session
- 10:45-11:10 Marion Iguiniz, Universite de Lyon "Comparison of RPLC and SFC for the Analysis of Pharmaceutical Compounds With the Objective of Two-Dimensional Coupling In Order To Achieve Very High Separation Power"
- 11:10-11:35 Lucie Novakova, Charles University, "Development of Impurity Profiling Methods for Pharmaceuticals Using UHPSFC-MS"
- 11:35-12:00 Elise Lemason, Universite d'Orleans, "Interest of Using Both UHPLC-MS and UHPSFC-MS for Impurity Profiling of Drug Candidates"
- 12:00-2:00 Break
- 2:00-2:25 Eric Lesellier, University d'Orleans, "Varied Uses of Supercritical Fluids (Separation, Extraction, Impregnation) For the Study of Bioactive Compounds and Plant Valorization (*Kniphofia Uvaria*)"
- 2:25-2:50 G. John Langley, University of Southampton, "Solving a Taxing Problem by UHPSFC-MS"
- 2:50-3:15 Julien Crepier, IFP Energies Nouvelles "Hyphenation of Supercritical Fluid Chromatography and High Resolution Mass Spectrometry for the Characterization of a Fast Pyrolysis Oil"
- 3:15-3:40 Maria Kristina Parr, Freie Universitat Berlin, "SFC-MS/MS in Anti-Doping Control: Trace Amount Detection of Polar Analytes and Metabolites in Urine"
- 3:40-4:05 Amandine Dispas, University of Liege, "SFC: A Green Alternative for Quantitative Analysis In The Pharmaceutical Field?"
- 4:05-4:25 Ray McClain, Merck & Co., "Greening Flash Chromatography"
- 4:25-4:40 Best Poster Award Presentation, Conference Close