SFC 2015 Program

Wednesday, July 22

12:00-12:30 Short Course Registration

12:30-5:00 Short Course

Thursday, July 23

8:00-8:30 Registration

8:30-8:40 Conference Welcome – Larry Miller and Larry Taylor

8:40-9:05 Daniel Armstrong, University of Texas at Arlington, Packed Column SFC: A Driving Force in Enantiomeric Separations

9:05-9:30 Shane Kasten, US Army Medical Research Institute of Chemical Defense, "Crossroads between Chemical Warfare Nerve Agent Countermeasure Development and Chiral Supercritical Fluid Chromatography"

9:30-10:30 Exhibit/Poster Session

10:30-10:55 Jeffrey Kiplinger, Averica Discovery Sciences, "Understanding the Real Value of Prep SFC Technology: A Better Way to Look at Technology and the Design of the R&D Process"

10:55-11:20 Gerard Rosse, Dart Neuroscience LLC, Maximizing Efficiency in Drug Discovery: SFC-MS as the Technique of Choice for Small Molecules Purification"

11:20-11:55 Christine Aurigemma, Pfizer, Inc., "FastTrack SFC/HPLC Revisited: Lessons Learned from Implementing SFC into the Medicinal Chemistry Laboratory"

11:55-12:20 Daniel Markowitz, Johnson Matthey Pharmaceutical Materials and Services "Practical Scale Up Lessons for Supercritical Fluid Chromatography Technology Beyond the Lab"

12:20-2:00 Break

2:00-2:25 Chris Hudalla, Proverde Laboratories, "Development of an SFX Workflow for the Analysis and Preparation of Cannabis Based Natural Therapeutics"

2:25-2:50 Ira Luire, the George Washington University, "Ultra High Performance Supercritical Fluid Chromatography for the Analysis of Synthetic Cannabinoids"

2:50-3:15 Tohru Shibata, Daicel Corporation, "Achiral SFC on Polysaccharide-based CSP"

3:15-3:40 Oleg Pokrovskiy, Kurnakov Institute of General and Inorganic Chemistry, "SFC Separations of Closely Related Compounds Not Based on Hydrogen Bonding"

3:40-4:40 Exhibit/Poster Session

Session in Memory of Georges Guiochon

4:40-5:05 Abhijit Tarafder, Waters Corporation, "Effect of Density Gradient on Non-Linear Band Profiles in SFC"

5:05-5:30	Donald Poe, University of Minnesota Duluth, "The Joule-Thomson Coefficient as a Criterion for Efficient Operating Conditions in SFC Using Fully Porous and Superficially Porous Packings in Convective Air Environment"
5:30-6:00	Discussion Session 1, Larry Taylor and David Pinkston

Friday, July 24

8:00-8:30	Registration
8:30-8:55	Vincent Desfontaine, University of Geneva, "Evaluation of new stationary phase chemistries in sub-2µm and Core-Shell material for the analysis of basic compounds in SFC" Travel Scholarship Winner
8:55-9:20	Michael Hicks, Merck Research Laboratories, "Evaluation of Analytical Chiral Supercritical Chromatography for GMP Activities in Pharmaceutical Development and Manufacturing"
9:20-9:45	Hermes Licea Perez, GlaxoSmithKline, "Applications of Supercritical Fluid Chromatography (SFC) for Chiral Metabolite Separations in DMPK Environment"
9:45-10:45	Exhibit/Poster Session
10:45-11:10	Robert M. Campbell, The Dow Chemical Company, "Software Assisted Characterization of Complex Materials by SFC/MS"
11:10-11:35	Ruben DePauw, Vrije Universiteit Brussel, "Extra-column band broadening effects in supercritical fluid chromatography: experimental measurements and theoretical modelling" Travel Scholarship Winner
11:35-12:00	Discussion Session 2, Larry Taylor and David Pinkston
12:00-2:00	Break
2:00-2:25	G. John Langley, University of Southamption, "Analysis of Oilfield Chemicals by UHPSFC-MS"
2:25-2:50	Edgar Naegele, Agilent Technologies, "Quantitative Determination of multi-Pesticide Residues in Vegetables by Supercritical Fluid Chromatography Coupled to Triple Quadrupole Mass Spectrometry"
2:50-3:15	Mohammed Al-Savah, Genentech, Inc., "Development of an Automated Two-dimensional Liquid Chromatography-Supercritical Fluid chromatography System"
3:15-3:40	Alexandre GRAND-GUILLAUME PERRENOUD, University of Geneva, "UHPSFC-QToF-MS as a first line analytical tool for natural bioactive compound analysis"
3:40-4:05	John McCauley, Waters Corporation, "The Decaffeination of Coffee Beans assisted by Supercritical Fluid Extraction, (SFE), Techniques"
4:05-4:20	Best Poster Award Presentation, Conference Close