

SFC China 2015 Program

Monday, November 2

- 12:00-1:00 Registration
- 1:00-5:30 Short Course (coffee break at 3:30)
- 6:00-8:00 Cocktail Reception – Wan Li Restaurant, 2nd floor, Renaissance Shanghai Pudong Hotel

Tuesday, November 3

- 8:00-9:00 Registration
- 9:00-9:45 Keynote Talk: David Pinkston, Kellogg Company, “Chromatography with Supercritical Fluids: Promise, Progress, and Impact”
- 9:45-10:15 Steve Ritter, Chemical & Engineering News, “Snapshots From The Past: A Perspective On Supercritical Fluid Technologies”
- 10:15-11:15 Coffee Break/Exhibit
- 11:15-11:45 Caroline West, Universite de Orleans, “What's the use for an additive in SFC?”
- 11:45-12:15 Professor Tao Wang, Tsinghua University, “Ionic liquid---Supercritical CO2 Biphasic Systems for Reaction/ Separation Coupling Technology”
- 12:15-1:45 Lunch
- 1:45-2:15 Yoshiyuki Watabe, Shimadzu, “A Novel Unified Analytical Workflow with SFE/SFC”
- 2:15-2:45 Jing Xu, Merck, “Supercritical Fluid Chromatography for GMP Analysis in Support of Pharmaceutical Development and Manufacturing Activities”
- 2:45-3:15 Yun Huang, Pfizer, “Leveraging Chromatographic Speed and Efficiency: Integration of Analytical SFC into Pharmaceutical Analysis”
- 3:15-4:00 Coffee Break/Exhibit
- 4:00-4:30 Eric Francotte, Novartis, “SFC: A Multipurpose Approach to Support Drug Discovery”
- 4:30-5:00 Du Zhenxia, Beijing University of Chemical Technology , “Application of SFC in Materials”
- 5:00-5:30 Panel Discussion

Wednesday, November 4

- 8:00-8:45 Registration
- 8:45-9:00 Keynote Talk: Buxing Han, Institute of Chemistry, Chinese Academy of Sciences, ” Properties of Green Solvents and Their Applications in Green Chemistry”

- 9:30-10:00 Qilong Ren, Zhejiang University, "Insight into the molecular interactions and transport properties of solutes in sc-CO₂ by supercritical fluid chromatography"
- 10:00-10:30 Abhijit Tarafder, Waters Corporation, "Factors that control effective scale-up in SFC"
- 10:30-11:15 Coffee Break/Exhibit
- 11:15-11:45 Takeshi Bamba, Kyushu University, "Application of supercritical fluid extraction and separation technologies to metabolic profiling"
- 11:45-12:15 Elise Lemasson, Universite de Orleans, "Comparison of UHPLC and UHPSFC coupled to electrospray ionization mass spectrometry for impurity profiling of drug candidates"
- 12:15-1:45 Lunch
- 1:45-2:15 Baoning Su, Wuxi AppTec, Co., "Application of Supercritical Fluid Chromatography (SFC) for Chiral Separation in Drug Discovery and Development"
- 2:15-2:45 Tony Yan, Pfizer, "Chiral Separations of Amino Acids and Derivatives on Immobilized Polysaccharide Phases with Extended Range of Solvents Using Supercritical Fluid Chromatography to Support Antibody-Drug Conjugate Project"
- 2:45-3:15 Lei Sang, Waters, "Using Convergence Chromatography For Natural Product Analysis and Purification"
- 3:15-4:00 Coffee Break/Exhibit
- 4:00-4:30 Lu Zeng, Takeda California, "New Development of Two-dimensional (2D) SFC Technology to Support Drug Discovery and Development"
- 4:30-5:00 Kanji Nagai, Daicel, "Development of Polymer-based Novel SFC Column"
- 5:00-5:10 Closing Remarks