Confirmed Speakers

Keynote lectures

KL02 - On the Advantage of Ordered Chromatographic Media
Gert DESMET
(VRIJE UNIVERSITEIT BRUSSEL (VUB), Brussels, Belgium)

KL03 - Computational Fluid Dynamics to Understand Process Chromatography
Alois JUNGBAUER
(UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES, Vienna, Austria)

KL07 - Efficient Simulation and Control of Chromatographic Processes
Achim KIENLE
(OTTO VON GUERICKE UNIVERSITY MAGDEBURG, Magdeburg, Germany)

KL06 - Accessing Nature’s Chemical Diversity for Drug Discovery
Philipp KRASTEL
(NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH, Basel, Switzerland)

KL04 - Synthetic Peptide Manufacturing: Downstream Challenges and Innovations
Olivier LUDEMANN-HOMBOURGER
(POLYPEPTIDE LABORATORIES FRANCE, Strasbourg, France)

KL05 - SFC-MS in Drug Discovery: The Technology Shaping Tomorrow’s Innovation
Gerard ROSSE
(DART NEUROSCIENCE, San Diego, United States)

KL01 - A New View on Surface Diffusion from Molecular Dynamics Simulations of Solute Mobility at Chromatographic Interfaces
Ulrich TALLAREK
(PHILIPPS-UNIVERSITÄT MARBURG, Marburg, Germany)

Oral Communications

OC02 - How Continuous Chromatography Moved from Craftwork to Industry. A Tribute to Passion and Creativity.
(AM-PHARMA)

OC08 - When Adsorption Models or Intuition Fail at Describing Ion-Exchange Chromatography
Confirmed Speakers

Speaker to be confirmed
(YPSO-FACTO)

OC17 - Scalability of Mini-Columns in Protein Chromatography
Dorota ANTOS
(RZESZOW UNIVERSITY OF TECHNOLOGY, Rzeszow, Poland)

OC33 - Optimization of Processes Combining Chemistry & Purification - Strategies & Case Studies
Jérome BONI
(NOVASEP FINORG, Chasse-sur-Rhone, France)

OC19 - Cost Effective Peptide Purification via ZEOsphere DRP Mixed-Mode Chromatography
Alessandro BUTTE
(ETH ZURICH, Zurich, Switzerland)

OC35 - Model-Based Quality by Design: Challenges, Pitfalls and Best Practices
Maria CASALS PERAVAREZ
(GOSILICO, Karlsruhe, Germany)

OC11 - Design and Optimization of a Continuous Separation of Tartronic and Glyceric Acids by Simulated Moving Bed
Lucas COELHO
(UNIVERSITY OF PORTO, Porto, Portugal)
&
(FEDERAL UNIVERSITY OF PERNAMBUCO, Recife, Brazil)

OC16 - Hybrid Optimisation of Preparative Chromatography for a Difficult and Realistic Ternary Protein Mixture
Vivien FISCHER
(UNIVERSITY COLLEGE LONDON / GLAXOSMITHKLINE, Stevenage, United Kingdom)

OC25 - Studies on Robustness of SFC: Examples from Chiral and Peptide Separations
Torgny FORNSTEDT
(KARLSTAD UNIVERSITY, Karlstad, Sweden)

OC05 - Interplay of Mathematics and Physics of 3D Printing for Chromatography
Confirmed Speakers

Carlos GRANDE  
(SINTEF, Oslo, Norway)

OC30 - Water on Hydrophobic Surfaces - Mechanistic Modeling of Polyethylene Glycol-Induced Protein Precipitation

Steffen GROSSHANS  
(KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), Karlsruhe, Germany)

OC28 - Chromatographic Recovery of Hydroxy Acids, Lignin, and Pulping Chemicals from Spent Alkaline Pulping Liquors

Jari HEINONEN  
(LAPPEENRANTA UNIVERSITY OF TECHNOLOGY, Lappeenranta, Finland)

OC24 - Alternative Approaches in Preparative Chromatography for Purifying Lipophilic Compounds and the Elimination of Chlorinated Solvents

Markus JUZA  
(CORDEN PHARMA SWITZERLAND, Liestal, Switzerland)

OC23 - Temperature Dependence of Antibody Adsorption in Protein A Affinity Chromatography

Walpurga KREPPER  
(UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES, Vienna, Austria)

OC31 - Membrane Based Separation of Aqueous Two-Phase Systems for the Purification of Monoclonal Antibodies

Thomas KRUSE  
(SARTORIUS STEDIM BIOTECH & CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Göttingen, Germany)

OC14 - Model Predictive Control of 4-Zone Simulated Moving Bed Chromatography for the Separation of Bicalutamide Enantiomers: Experimental Validation

Ju Weon LEE  
(MAX-PLANCK-INSTITUTE FOR DYNAMICS OF COMPLEX TECHNICAL SYSTEMS, Magdeburg, Germany)

OC29 - Visualization and Quantification of Protein Bind and Elute Processes to the IEX Hydrogel of a Membrane Adsorber

Adrian LEY  
(SARTORIUS STEDIM BIOTECH GMBH / INSTITUTE OF PHYSICAL CHEMISTRY, GEORG-AUGUST UNIVERSITY GOETTINGEN, Goettingen, Germany)

OC13 - Inexiotech - This Disruptive Technology Allows for the Resolution of Multicomponent Mixtures in a Serial Continuous Process
Confirmed Speakers

Alexandre MACIUK  
(UNIVERSITÉ PARIS-SUD, Chatenay-Malabry, France)  
&  
(FAUQUET INNOVATION, Montmagny, France)

OC34 - Continuous Centrifugal Partition Chromatography: Using a Mass Transfer Model for Process Optimization and Various Mode Comparison

Luc MARCHAL  
(UNIVERSITÉ DE NANTES, Saint Nazaire, France)

OC27 - Development of a Chromatographic Based Purification Strategy for Artemisinin from Artemisia Annua L. Extract

Fabian MESTMÄCKER  
(CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Clausthal-Zellerfeld, Germany)

OC04 - Centrifugal Partition Chromatography: new Possibilities with a Liquid Stationary Phase

Mirjana MINCEVA  
(TECHNICAL UNIVERSITY OF MUNICH, Freising, Germany)

OC15 - Evaluation of Continuous Purification of Therapeutic Extracellular Vesicles

Mafalda MOLEIRINHO  
(INSTITUTO DE BIOLOGIA EXPERIMENTAL E TECHNOLOGICA, Oeiras, Portugal)

OC26 - Operating Mode Selection for Ternary Separations with Liquid-Liquid Chromatography

Raena MORLEY  
(TECHNICAL UNIVERSITY OF MUNICH, Freising, Germany)

OC09 - Improvement of Multicapillary Packing Efficiency by Diffusional Bridging: A Theoretical and Dynamic Simulation Study

Francois PARMENTIER  
(SEPARATIVE, Solaize, France)

OC03 - Modified Inorganic Sorbents for the Fast and Efficient Separation of Biomolecules

Benjamin PETERS  
(MERCK KGAA, Darmstadt, Germany)

OC12 - Strategies for the Global Multicomponent Separation of Nadolol Stereoisomers by Chiral and Achiral Fixed-Bed and Simulated Moving Bed Chromatography
Confirmed Speakers

António E. RIBEIRO
(POLYTECHNIC INSTITUTE OF BRAGANÇA, Braganca, Portugal)

OC06 - New Adsorptive Technology and its Use Within Purification Platform for Antibody-Process Related Impurities Removal

Fabien ROUSSET
(CHIRAL TECHNOLOGIES, Illkirch, France)

OC10 - Chromatographic Separations with Focusing of Both the Weak and the Strong Component

Tuomo SAINIO
(LAPPEENRANTA UNIVERSITY OF TECHNOLOGY, Lappeenranta, Finland)

OC18 - Process Analysis for Preparative Protein Chromatography Using In-Line Attenuated Total Reflection Fourier Transform Infrared Spectroscopy

Adrian SANDEN
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Karlsruhe, Germany)


Johannes SCHMÖLDER
(FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG, Erlangen, Germany)

OC01 - Measurement, Description and Consistent Application of Adsorption Equilibria

Andreas SEIDEL-MORGENSTERN
(MAX PLANCK INSTITUTE FOR DYNAMICS OF COMPLEX TECHNICAL SYSTEMS, Magdeburg, Germany)


Romas SKUDAS
(MERCK KGAA, Darmstadt, Germany)

OC22 - Continuous Conjugation of Antibodies By rMCSGP

Nicole ULMER
(ETH ZURICH, Zurich, Switzerland)

OC21 - Antibody Aggregate Removal Using Frontal Chromatography: Performance Comparison Between Column and Membrane Adsorber

http://www.spica2018.org
Sebastian VOGG  
(ETH ZURICH, Zürich, Switzerland)

OC20 - Continuous Biomanufacturing - Platform Alternatives for Antibody Production

Steffen ZOBEL-ROOS  
(CLAUSTHAL UNIVERSITY OF TECHNOLOGY, Clausthal-Zellerfeld, Germany)