

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)

OC17 - Scalability of Mini-Columns in Protein Chromatography

Confirmed Speakers



Dorota ANTOS
(RZESZOW UNIVERSITY OF TECHNOLOGY, Rzeszow, Poland)

OC33 - Optimization of Processes Combining Chemistry & Purification - Strategies & Case Studies



Jérôme BONI
(NOVASEP, 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



Carlos GRANDE
(SINTEF, Oslo, Norway)

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

Confirmed Speakers



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 - Inxiotech - This Disruptive Technology Allows for the Resolution of Multicomponent Mixtures in a Serial Continuous Process



Alexandre MACIUK
(UNIVERSITÉ PARIS-SUD, Chatenay-Malabry, France)

&
(FAUQUET INNOVATION, Montmagny, France)

Confirmed Speakers

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 TECNOLÓGICA, Oeiras, Portugal)

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



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

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



Hector OSUNA
(YPSO-FACTO, Nancy, France)

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



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

Confirmed Speakers

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)

OC32 - Automatic Determination of Optimum Operating Concepts and Process Variables for Multi-Component Separations



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)

OC07 - A New Cation Exchange Resin Designed for the Removal of Monoclonal Antibody Aggregates Using Flow-Through Frontal Chromatography



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



Sebastian VOGG
(ETH ZURICH, Zürich, Switzerland)

OC20 - Continuous Biomanufacturing- Platform Alternatives for Antibody Production

Confirmed Speakers



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