



7th Newsletter, April 11, 2023

**Early Bird Registration Deadline – 20th April 2023**

**[Preliminary Program is Online!](#)**

**Abstract Submission Deadline for Posters 2nd May 2023!**

**Deadline for Registration for Science Slam and HPLC Tube: 2nd May 2023!**

For details about [abstract submission check here](#), [for registration here](#),  
or check the symposium website by clicking the top banner

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Dear [[first name]]

## **Program highlights at HPLC 2023**

HPLC 2023 in Düsseldorf, Germany will be the world's largest separation science symposium in 2023 covering all aspects around liquid phase separation technologies, their hyphenation to mass spectrometry and ion-mobility mass spectrometry. HPLC 2023 features current hot topics in analytical & separation sciences from molecular phenomics, next generation column technologies, digital transformation of the analytical lab, biopharma challenges (protein and nucleic acid therapeutics) to single cell analysis, and many more. Here is a short teaser:

## Plenary Lecturers



**Jennifer van Eck**  
High-throughput single cell proteomics of organic-derived cell populations by nanoflow dual trap single column liquid chromatography



**Guowang Xu**  
New methods contributing towards metabolomics analyses of single cells



**Gert Desmet**  
A journey through the chromatographic universe using kinetic plots



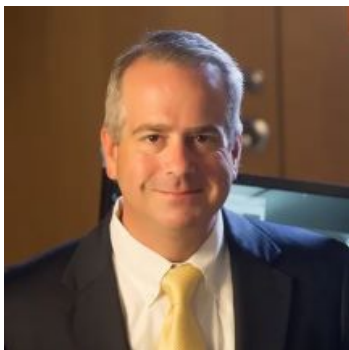
**Gerard Hopfgartner**  
Separations sciences coupled to mass spectrometry for multimodal analysis: challenges and opportunities



**Christian Huber**  
Structural analysis of highly complex protein therapeutics by HPLC-MS: lessons that we have learned from an analytical chemistry perspective



**Valérie Gabelica**  
Ion mobility mass spectrometry to infer biopolymer folding and interactions



**John A. McLean**  
Molecular phenomics in systems, synthetic, and chemical biology



**Jeremy Nicholson**  
Molecular phenomics in personalized and public healthcare in a changing world: lessons from understanding COVID-19



**Joachim Richert**  
Digital transformation of the analytical laboratory - Big Bang or evolution?



**Susan Olesik**  
Bioanalyses using enhanced  
fluidity liquid chromatography



**Petra Dittrich**  
High density droplet arrays for  
high throughput analysis

## Tutorial Lecturers



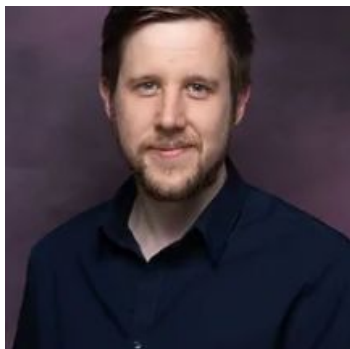
**Erin S. Baker**  
Ion mobility - mass spectrometry



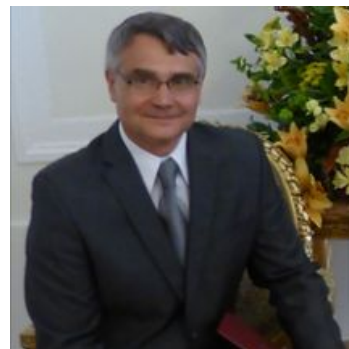
**Timo Beskers**  
Polymer REACh: Pray or be Prepared? A Polymer Chromatography Viewpoint on What to Expect



**Martin Gilar**  
Chromatographic methods for analysis of therapeutic oligonucleotides and mRNA



**Bob Pirok**  
Two-dimensional Liquid Chromatography: Guidelines for Effective Implementation in the Lab



**Janusz Pawliszyn**  
Miniaturization of sampling and sample preparation devices



**Peter Schoenmakers**  
How to use gradients in (ultra-)high-performance LC



**Thorsten Teutenberg**  
Approaching the digital transformation of the lab-of-the-future - How to implement new automation strategies

## Register for: Agilent Best Poster Award

The HPLC Symposium series invites academic, institutional and industrial researchers to share and discuss their work with delegates. The Best Poster Award (BPA) provides a stimulus and incentive for all scientists to attend the HPLC Symposium and present their research in a poster session. The winner will receive a cash prize of 1500 €.

Check the box to participate in the Best Poster Award when submitting your abstract! More information can be found on [the symposium webpage here](#).

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## Call for contributions for the Separation Science Slam



**Rock your science! Win a 1500 € Cash Award!** HPLC 2023 will feature a “Science Slam” as special event. It is a competition between the science slammers and the goal is to win the favor of the audience and jury!

Register now for the HPLC Science Slam! For more information [see this page](#).

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## Submit your 3-minute video for the HPLC Tube and win 1500 €



HPLC 2023 presents a video competition the HPLC Tube. It is a scientific contest for the best video in which you present the impact of your research for our society.

Excite the audience and the jury by your 3-minute video in which you outline your research in a creative and entertaining manner, delivering your message with scientific and artistic ingenuity. For more information [see this page](#).

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We look forward to your participation at HPLC 2023 in Düsseldorf, Germany

**The Symposium Chairs**

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