



**PRE-CONFERENCE on ANALYSIS**

***Developments and trends in (multi)mycotoxin detection***

**1 February 2022**

ANALYSIS, the third and final in the series of virtual pre-conferences, takes place on a highly interactive platform. Topics to be covered range from advanced instrumental techniques to rapid on-site tests for (multi)mycotoxin detection.

## PROGRAMME

All times are in Central European Time (CET)

- 12:00 **The World Mycotoxin Forum® Connects**  
General conference chairs: Prof. Rudolf Krska, Department IFA-Tulln, BOKU Vienna, Austria and Prof. Chris Elliott, Institute for Global Food Security, Queen's University of Belfast, UK
- 12:15 *Mycotoxin analysis – ranging from rapid methods to advanced instrumental techniques*  
Pre-conference chair: Prof. Rudolf Krska
- 12:25 *Begin with the end in mind: a focus on pre-analytical and post-analytical challenges in mycotoxin testing*  
Ronald Niemeijer, R-Biopharm, Germany
- 12:50 title TBC  
Dr Michael Sulyok, Department IFA-Tulln, BOKU Vienna, Austria
- 13:15 *Multi-residue analysis of mycotoxins in freshwater and occurrence in amphibian breeding ponds*  
Dr Tess Goessens, Department of Pathology, Pharmacology & Zoological Medicine, Ghent University, Belgium
- 13:40 *Potential of ion mobility-mass spectrometry to improve analytical performance in the determination of ergot alkaloids in cereal samples*  
Laura Carbonell-Rozas, Department of Analytical Chemistry, University of Granada, Spain
- 14:05 Company pitches
- *Removing the fear: Simple tools offering precise results*  
Lanny Smith, VICAM, USA
  - *Rapid test methods and automation: flexible and cost-effective mycotoxin screening solutions from Eurofins Technologies*  
Giulia Rosar, Eurofins Technologies, Italy
  - *Advantages of the use of <sup>13</sup>C fully labelled internal standards to improve your mycotoxins analysis by LC-MS/MS*  
Boutros Kerbaje, Libios, France
  - *Testing on-site does not need to be slow or complicated*  
Nora Kogelnik, Romer Labs, Austria
- 14:30 **EXHIBITION:** Visit the booths and live chat with our sponsors.  
**PIAZZA CONNECTS:** Meet & Greet the chairs, the speakers and the WMF community.
- 15:00 *Bridging the gap between massive on-site mycotoxin testing and confirmatory instrumental analysis*  
Ariadni Geballa-Koukoura, Wageningen Food Safety Research, the Netherlands
- 15:25 *Mycotoxin monitoring solutions for prevention, management, and compliance*  
Nicola Dreolin, Waters Corporation, USA
- 15:50 *Rapid methods to screen for T-2 and HT-2 toxins*  
Dr Natasha Logan, School of Biological Sciences, Queen's University Belfast, Northern Ireland
- 16:15 *Single kernel mycotoxin analysis in commercial maize: Spectral identification, distributions, and sorting*  
Dr Matthew J. Stasiewicz, Department of Food Science and Human Nutrition, University of Illinois at Urban-Champaign, USA

- 16:40 *Mycotoxin detection in grains and nuts using optical imaging and spectroscopic techniques*  
Prof. Chandra B. Singh, Advanced Postharvest Technology Centre, Lethbridge College,  
Canada and UniSA STEM, University of South Australia, Australia
- 17:05 *Can photonics hunt the cereal killer?*  
Prof. Boris Mizaikoff, Hahn-Schickard Institute for Microanalysis Systems and Ulm University,  
Germany
- 17:30 Closing remarks by Prof. Rudolf Krska and Prof. Chris Elliott
- 17:45 Outlook for WMF *meets* ITALY, 16-18 May 2022, Parma, Italy  
Dr Michele Suman and Prof. Chiara Dall'Asta
- 18:00 End of pre-conference