

FAST 2026 - Day 1

Thursday, February 26

Registration & coffee/tea

Plenary Session 1 (Ceramique 1 & 2)

Welcome & Introduction

Opening Lecture - Timothy Noël (UvA)

RoboChem and the Rise of Intelligent Flow Chemistry

Keynote Lecture - Walter Westerink (Charles River Laboratories)

Advancing safety testing with New Approach Methodologies

Young PI Lecture - Frederic Béen (VU)

What's in the water? Challenges and opportunities of water quality monitoring with non-target screening

Lunch (de Mangerie)

Parallel Sessions Day 1

Ceramique 1 & 2
Food and forensic analysis

Ceramique 3
Spectroscopic analysis

Pomerol/Graves
Chromatography method development

Ids Lemmink (WUR)
Rule-based algorithm for the identification of cross-reacting insecticides with microsphere-based immunoassays

Heleen Meuzelaar (Metrohm)
Online SERS for Trace Mercaptans in Jet Fuel

Brian van 't Veer (Da Vinci Laboratory Solutions)
Hyphenated techniques for the analysis of nanoplastics

Maartje Verhoeven (UvA)
Effect of the reaction time and temperature on the impurity profile of amphetamine

Katarzyna Szkula-Meurs (UM)
Analytical strategies in fatty acids oxidation by Raman spectroscopy and mass spectrometry

Gerben van Henten (UvA)
Balancing objectives in automated self-optimizing liquid chromatography method development

Iris Groeneveld (NFI)
Hidden in plain powder: extraction and identification pathways for cocaine and its metal friends

Bono Jimmink (RU)
Complex mixture analysis at sub-micromolar concentrations using benchtop NMR with SABRE hyperpolarisation

Danny van Oevelen (Agilent)
Overcoming Solvent Effects at High Injection Volumes

Coffee/tea (Hotelbar)

&

Posters (Ceramique 1 & 2)

Early Career Interactive Session
Isabelle Kohler (VU)
(Ceramique 1 & 2)

COAST Participant Council meeting (Ceramique 3)

Reception (City Hall)

Dinner (Bourgogne - souterrain)

COAST Social Event (Bourgogne - souterrain)

FAST 2026 - Day 2

Friday, February 27

Plenary Session 2 (Ceramique 1 & 2)

09:00 - 09:30	Keynote Lecture - Peter Schoenmakers <i>Analytical innovation at the interface of academia and industry</i>
09:30 - 09:50	Young PI Lecture - Anika Nagelkerke (RUG) <i>Unveiling the cellular secretome - towards application in disease diagnostics and treatment</i>
09:50 - 10:10	Young PI Lecture - Melissa Bärenfänger (VU) <i>Charting the Landscape of Human Protein Glycosylation</i>
10:10 - 10:30	Young PI Lecture - Wouter de Bruijn (WUR) <i>Cyclic ion mobility spectrometry (cIMS) for analysis of phytochemicals</i>
10:30 - 10:35	Company pitch - Thermo Fisher Scientific

Poster session (Ceramique 1 & 2)

10:40 - 12:20	
12:20 - 13:20	Lunch (de Mangerie)

Parallel Sessions Day 2

	Ceramique 1 & 2 Drug analysis and discovery	Ceramique 3 Bioanalysis	Pomerol/Graves Data handling and analysis
13:20 - 13:40	Lobke Willaert (Thermo Fisher) UHPLC method development for Ibuprofen Assay and its Impurities in Soft Gelatine capsules	Piret Saar-Reisma (HAN) Development of a robust SEC-UUV method for the analysis of lignin	Hector Franco Loponte (RUG) Bridging Data and Discovery in Glycomics with GlycoGenius
13:40 - 14:00	Nick Zilverschoon (Aspen) Isolation and identification of unknowns and purification of APIs using preparative HPLC	Thomas Holmark (UvA) Nano-flow HILIC-MS for enhanced intact glycoform analysis of monoclonal antibodies	Mohammad Falah (Envalor) A Hierarchical Deep Learning Framework for De Novo Molecular Structure Prediction from EI-MS Spectra via SELFIES
14:00 - 14:20	Xiaoyi Zhang (VU) From method development to discovery: A HT-HPLC nanofractionation pipeline for GPCR targeting toxins	Lorena Stoica (RU) From Mass to Structure: Advanced MALDI-IRIS Approaches for IMD Biomarker Identification	Leonie Straub (WUR) Optimization of a data-processing workflow for the annotation of known and novel Pyrrolizidine Alkaloids
14:20 - 14:40	Iris van den Akker (Charles River) Navigating through FDA regulatory feedback on Bioanalytical Method Validation, Re-Validation and Sample Analysis in Support of a Veterinary Bioequivalence Study in Compliance with CVM Requirements	Olivia Rusli (VU) Unravelling α -Synuclein Aggregation Modulators Using Ion Mobility Mass Spectrometry	Fatemeh Golpelihi (RU) Combining Exploratory and Compositional Data Analysis with Mass Flow Modeling for Optimizing Plastic Recycling Systems

14:40 - 15:00	Coffee/tea (Hotelbar)
	Plenary Session 3 (Ceramique 1 & 2)
15:00 - 15:20	Communities of Practice - Eric van Sprang (COAST)
15:20 - 16:00	Closing Lecture - Ilse Aben (SRON & VU) <i>Using satellites to reduce methane emissions in support of climate action</i>
16:00 - 16:20	Prizes & Adjourn