

PROGRAM

FAST 2025

**Forum for Analytical Science
and Technology**

**March 6 & 7
2025
Maastricht**

by

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Community of Innovation

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FAST 2025 - Day 1

Thursday, March 6th

10:00 - 10:25	Registration & coffee/tea		
Plenary Session (Ceramique 1 & 2) chair: Govert Somsen			
10:30 - 10:40	Welcome & Introduction		
10:40 - 11:20	Opening Lecture - Nico van der Merbel (ICON) <i>Quantitative bioanalysis at the crossroad of academia and industry</i>		
11:20 - 11:50	Keynote Lecture - Jos Oomens (RU/HFML-FELIX) <i>Developments in the analytical application of infrared ion spectroscopy</i>		
11:50 - 12:20	Keynote Lecture - John van der Toorn (Westlake) <i>Using analytical characterizations in industry to drive process understanding and decision making</i>		
12:30 - 13:25	Lunch (de Mangerie) & Posters (Ceramique 1 & 2)		
Parallel Sessions Day 1			
	Ceramique 1 & 2 chair: Kevin Jooß <i>Pharma</i>	Ceramique 3 chair: Saer Samanipour <i>Non-target Screening</i>	Pomerol/Graves chair: Arjan Gerssen <i>Advanced Spectroscopy</i>
13:30 - 13:50	Figo Seelen (Brightlabs) <i>Controlled in-vitro formation of drug specific nitrosamines</i>	Maria Margalef (VUA) <i>HT-EDA for identification of endocrine disrupting compounds</i>	Bono Jimmink (RU) <i>QA with Benchtop NMR using SABRE hyperpolarisation</i>
13:50 - 14:10	Luca Tutis (VUA) <i>Impurity profiling of therapeutic oligonucleotides</i>	Susannah Heeren (WUR) <i>Exploring the bee pollen exposome and metabolome</i>	Anouk Bosman (WUR) <i>Paper-enhanced IR: on-site detection of mycotoxins</i>
14:10 - 14:30	Annika van der Zon (UvA) <i>Separations of mAb glycoforms with acrylamide-based monoliths</i>	Ids Lemmink (WUR) <i>Paper-based LLE for paper spray MS and immuno-detection</i>	Teun van Wieringen (RU) <i>IR ion spectroscopy for plant-compound characterization</i>
14:30 - 15:25	Coffee/tea (Hotelbar) & Posters (Ceramique 1 & 2)		
Plenary Session (Ceramique 1 & 2) chair: Henk Jan van Manen			
15:30 - 15:50	Young PI Lecture - Saer Samanipour (UvA) <i>Data driven approaches to exploration of exposome chemical space</i>		
15:50 - 16:10	Young PI Lecture - Evan Zhao (RU) <i>Coupled operando benchtop NMR and ERP for studying flow batteries and electrosynthesis</i>		
16:15 - 17:15	COAST Community Event (Ceramique 1 & 2) chair: Eric van Sprang		
17:15 - 18:00	Drinks & Chats (Hotelbar)		
18:00 - 19:30	Dinner (Bourgogne - souterrain)		
20:00 - 21:30	COAST Pub Quiz (Bourgogne - souterrain)		

FAST 2025 - Day 2

Friday, March 7th

Plenary Session (**Ceramique 1 & 2**)

chair: Maarten Honing

09:00 - 09:30	Keynote Lecture - Sabeth Verpoorte (RUG) <i>Reading out organ-on-a-chip systems</i>
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9:40 - 10:10	Ceramique 1 & 2 Circular Economy chair: Harry Philipssen	Communities of Practice	Pomerol/Graves Water chair: Eric van Sprang
	Pharma chair: Ruud Vervoort		Analytical Core Business chair: Henk Jan van Manen

10:40 - 11:10	Coffee/tea (Hotelbar) & Posters (Ceramique 1 & 2)
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Plenary Session (**Ceramique 1 & 2**)

chair: Maarten Honing

11:10 - 11:30	Young PI Lecture - Kevin Jooß (VUA) <i>Unraveling the secrets of proteoforms</i>
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Parallel Sessions Day 2

	Ceramique 1 & 2 chair: Ruud Vervoort <i>Health</i>	Ceramique 3 chair: Guinevere Lageveen <i>Data Analysis</i>	Pomerol/Graves chair: Gerjen Tinnevelt <i>Proces & Quality Control</i>
11:40 - 12:00	Adriani Gebella-Koukoura (VUA) <i>Deciphering early-stage aggregation with nanoESI IMMS</i>	Alienke van Pijkeren (RUG) <i>Towards reliable single cell proteomics data</i>	Helia Asadi (Patheon) <i>Soft gelatin capsules: enhancing drug solubility and bioavailability</i>
12:00 - 12:20	Joris Meurs (RU) <i>Analysis of VOCs using PTR-ToF-MS and TD-GC-MS</i>	Mahdiyeh Ghaffari (RU) <i>Hyper-spectral imaging and chemometrics</i>	Peiliang Han (UM) <i>MS for in-line analysis in continuous flow chemistry</i>
12:20 - 12:40	Robert Schmidt (VUA) <i>Analysis of silicone implant scar tissue using stimulated Raman</i>	Nino Milani (UvA) <i>Peak characteristics and detection performance in 2D chrom data</i>	Aidan Slattery (UvA) <i>Self-optimization, intensification and scale-up of photocat in flow</i>

12:45 - 13:40	Lunch (de Mangerie) & Posters (Ceramique 1 & 2)
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Plenary Session (**Ceramique 1 & 2**)

chair: Gert Salentijn

13:45 - 14:05	Young PI Lecture - Guinevere Lageveen - Kammeijer (RUG) <i>Exploring the sweet side of cells - glycomic analysis by CE-MS</i>
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14:05 - 14:35	Keynote Lecture - Arjen Gerssen (WUR) <i>Detecting and identifying natural toxins in food with bioassays and MS techniques</i>
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14:35 - 15:15	Closing Lecture - Menno Prins (TU/e) <i>Continuous biosensing with single-molecule resolution for process control in industry and healthcare</i>
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15:15 - 15:30	Prizes & Adjourn
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Analytical Science in The Netherlands