

PROGRAM DAY 1

TUESDAY OCTOBER 22, 2019

## THEME: ICP-MS

**09.00 Registration**

**09.20 Welcome and opening of the User meeting, day 1**

**09.30 Speed-dating:** A quick presentation of the exhibitors

**09.40 Ongoing analysis at NFA**

Erika Åström, National Food Agency

**10.00 Single Cell ICP-MS – from elemental phenotyping of plant cells to the intrinsic metal content of cancer cells**

Daniel Fliegel, PerkinElmer

**10.20 Coffee break**

**10.50 ICP-MS, a reliable method in epidemiological studies for measurement of environmental exposure**

Reza Nosratabadi, Department of Clinical and Experimental Medicine, LiU

**11.10 Management of interferences with ICP-MS**

Sébastien Sannac, Agilent Technologies France

**11.30 Break**

**11.40 Quantitative determination of minerals in quartz**

Per Olav Hansen, The Quartz Corp AS

**12.00 Enhancing elemental analysis for geological applications using triple quadrupole ICP-MS**

Mikael Axelsson, Thermo Fisher Scientific

**12.20 Lunch**

**13.20 Application of ICP-based techniques for food authentication and provenance**

Iliia Rodushkin, ALS Scandinavia, Luleå Laboratory

**13.40 Chemical speciation of aluminium in wine by LC-ICP-MS**

Marcin Frankowski, Adam Mickiewicz University Poznań

**14.00 Break**

**14.10 Analysis of As, Se, Cd, Sb, I, Pb and U in edible seaweeds on the Swedish market –  
A bachelor thesis of a meal ecologist**

Lovisa Karlsson, AMM, Universitetssjukhuset Örebro

**14.30 Evaluation of heteroaggregation rates of CeO<sub>2</sub> and Au NPs using dual-element single-particle ICPMS**

Julian Gallego, Inst. För Marina vetenskaper, GU

**14.50 Coffee break**

**15.20 Analysis of P, S and As using triple quadrupole ICP-MS**

Viktor Sjöberg, Inst. för naturvetenskap och teknik, ÖRU

**15.40 Automated Laser Ablation Sampling for Food Safety**

Paul Watson, Elemental Scientific Instruments Ltd

**16.00 New Tools for High-Speed, High-Spatial Resolution Elemental Imaging with LA-ICP-MS**

Bill Spence, Teledyne Advanced Chemistry Systems

**17.30 Get together at the SPA**

**19.30 Conference dinner**

PROGRAM DAY 2

WEDNESDAY OCTOBER 23, 2019

## THEME: QUALITY, SAMPLE PREPARATION and more

**09.00 Registration**

**09.20 Welcome and opening of the User meeting, day 2**

**09.30 Speed-dating:** A quick presentation of the exhibitors

**09.40 Beyond sample preparation - the importance of analytical blank in trace analysis**

Gianpaolo Rota, Milestone

**10.00 Soil sample amount in microwave digestion**

Timo Sara-Aho, Finnish Environment Research, SYKE

**10.20 Coffee break**

**10.50 New way of measuring temperature inside digestion vessels**

Maxim Diel, CEM

**11.10 Experiences from (almost) 10 years of microwave-assisted digestion at the wet chemistry laboratory**

Runar Schmidt, Höganäs AB

**11.30 Break**

**11.40 Digestion Tips – cleaning, drying, acids and more**

Panel discussion moderated by Birgitta Gustafsson, Kemikompassen AB

**12.00 Finding the right test tubes for ICP-MS analysis at Uppsala Vatten.**

Mailani Åström, Uppsala Vatten och Avfall AB

**12.20 Lunch**

**13.20 Title to be announced**

Jean Pettersson, Inst. för kemi, UU

**13.40 A fully automated total metals and elemental speciation single platform introduction system for ICP and ICP-MS**

Michael Szoltysik, IM Science on behalf of ESI

**14.00 Break**

**14.10 Lower limits - decisions, detection and quantification limit - for analytical methods**

Bertil Magnusson, Trollboken AB

**14.30 Importance of traceability, uncertainty and certification for proper usage of ICP/AAS reference materials in ISO 17025:2017 testing**

Ingrid Hayenga, Merck/Sigma Aldrich Chemie GmbH

**14.50 Coffee break**

**15.20 The best way to find a needle in a stack of hay!**

Camilla Junggren, LAB Noax AB

**15.40 How hard can it be - limits and factors affecting chemical stability and compatibility for CRMs**

Magnus Roman, Teknolab Sorbent AB

**16.00 Handling and storage of gas bottles**

Peter Stjernberg, Air Liquide Gas AB

**17.30 Get together at the SPA**

**19.30 Conference dinner**

PROGRAM DAY 3

THURSDAY OCTOBER 24, 2019

## THEME: AAS, ICP-OES

**09.00 Registration**

**09.20 Welcome and opening of the User meeting, day 3**

**09.30 Speed-dating:** A quick presentation of the exhibitors

**09.40 Use of AAS in research on elemental uptake in plants**

Maria Greger, Inst. För ekologi, miljö och botanik, SU

**10.00 Cs on AA**

Charlotte Nørkær Hansen, Haldor Topsøe A/S

**10.20 Coffee break**

**10.50 Den gangen jeg var ung.... AAS-ICP-OES-ICP-MS Nikkelverk Norway**

Hilde Ytre-Hauge, Glencore Nikkelverk Norway

**11.10 Oil and Lubricants Testing - Particle Count and Elemental Analysis in One Run**

Michael Petrich, Perkin Elmer

**11.30 Break**

**11.40 ICP-OES - application in biomaterials development**

Alejandro López, Uppsala University

**12.00 Strategies for improving and advancing ICP-OES analysis**

Simon Nelms, Thermo Fisher Scientific

**12.20 Lunch**

**13.20 The Use of Different Plasma Observation Approaches in the Daily Routine Analysis**

Petar Ivanov, Spectro Analytical Instrument GmbH

**13.40 Get the most of your ICP-OES: Tips and Tricks to increase productivity**

Sébastien Sannac, Agilent Technologies France

**14.00 Break**

**14.10 User application**

**14.30 Determination of silver content in soft silicone dressings using ICP-AES**

Linda Ta, Mölnlycke Health Care

**14.50 Coffee break**

**15.20 Title to be announced**

Jean Pettersson, Inst. för kemi, UU

**15.40 Title to be announced**

Birgitta Gustafsson, Kemikompassen AB

**16.00 Concluding remarks**