

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

Erik Thomassen, 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 CeO₂ 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

Alexander Henrich, 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