

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 Meat or Vegetarian- What should I choose? - Metals

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

### 10.45 ICP-MS, a reliable method in epidemiological studies for measurement of environmental exposure

Reza Nosratabadi, Department of Clinical and Experimental Medicine, LiU

### 11.05 Management of interferences with ICP-MS

Sébastien Sannac, Agilent Technologies France

### 11.25 Analyzing process solutions and nickel end products - a comparison between ICP-OES and TQ-ICP-MS

Paul Cooper, Norilsk Nickel Harjavalta Oy

### 11.45 Break

### 11.55 Quantitative determination of minerals in quartz

Per Olav Hansen, The Quartz Corp AS

### 12.15 Enhancing elemental analysis for geological applications using triple quadrupole ICP-MS

Mikael Axelsson, Thermo Fisher Scientific

### 12.35 Lunch

### 13.25 Application of ICP-based techniques for food authentication and provenance

Iliia Rodushkin, ALS Scandinavia, Luleå Laboratory

### 13.45 Chemical speciation of aluminium in wine by LC-ICP-MS

Marcin Frankowski, Adam Mickiewicz University Poznań

### 14.05 Break

### 14.15 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

### 14.35 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

### 14.55 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 Pros and cons for ICP-MS contra ICP-AES**

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 Title to be announced

Per Ivarsson, Göteborgs Kemanalys AB

### 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 Daily use of ICP-OES within the oil industry, with focus on biofuels

Mattias Gustafsson, Saybolt Sweden AB

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

Linda Ta, Mölnlycke Health Care

### 14.50 Coffee break

### 15.20 Determination of some minor and trace elements in blood platelets with ICP-AES

Jean Pettersson, Inst. för kemi, UU

### 15.40 Title to be announced

Birgitta Gustafsson, Kemikompassen AB

### 16.00 Concluding remarks