

XRF USER MEETING

EXCHANGE OF KNOWLEDGE, EXPERIENCE AND PRACTICAL TIPS BETWEEN XRF USERS

When: September Tuesday 21 – Wednesday 22 2021

Where: Matsmak (Food taste), Drakeg. 1, Göteborg, Sweden

NOTE: XRF course Monday 20 September 11:00-17:30

PROGRAM DAY 1 TUESDAY SEP 21	PROGRAM DAY 2 WEDNESDAY SEP 22
09:00 - 10:00 Registration - Swedish Fika	08:30 – 09:00 Experience with XRF online instrument at Glencore Nikkelverk, Torkild Eivindsson
10:00 - 10:10 Introduction Bertil Magnusson & Camilla Junggren (organisers)	09:00 – 09:40 Use of handheld XRF Maggi Loubser
10:10 - 10:40 XRF experience, Maggi Loubser	09:40 - 10:00 Analysis of paint in boats, Carl Rönnow, Svenska båtunionen
10:40 - 11:00 Quality control of matrix using scattering peaks, Anders Rindby, COX Analytical	10:00 – 10:50 Swedish Fika & Exhibition
11:00 – 11:20 Technical presentations, Rainer Schramm, Fluxana	10:50 – 11:10 Technical presentation handheld XRF Matthieu Bauer, <i>Thermo Fisher Scientific</i>
11:20 – 11:30 Pause	11:10 – 11:20 My biggest mistakes in XRF Bertil Magnusson, Trollboken
11:30 – 11:50 The importance of loss on ignition determination for XRF analysis - several practical cases and results, Frédéric Davidts <i>XRF Scientific</i>	11:20 – 11:50 Discussion forum – Pitfalls in XRF. Experience with XRF – Problems, misuse
11:50 – 12:10 XRF at RISE Andreas Fischer, RISE	11:50 – 12:10 Technical presentation Dirk Wissman, Spectro
12:10 – 12:30 XRF at Glencore Nikkelverk Torkild Eivindsson	12:10 – 12:30 Benefits of XRF for polymer analysis Hitachi
12:30 – 13:30 Lunch & Exhibition	12:30 – 13:30 Lunch & Exhibition
13:30 – 13:50 XRF at Höganäs Anna Johnsson, Höganäs Sweden	13:30 – 13:45 EDXRF at Westinghouse. Jonas Berntsen, Westinghouse
13:50 – 14:40 Discussion forum - Quality control of XRF instruments, analytical programs and sample preparation	13:45 – 14:00 Analysis of high concentrations of silica in sol (aq solution) Kristoffer Amiridis Nouryon
	14:00 – 14:20 Technical presentation Henrik Fahlquist-Hagert, Thermo. Fisher Scientific
	14:20 – 14:40 Handling speciation with XRF – example rutile and ilmenite, Christos Tsouris ESAB
14:40 – 15:00 Applikation Panalytical, Jakob Noreland	14:40 – 15:00 User presentation
15:00 – 15:30 Swedish Fika & Exhibition	15:00 – 15:30 Swedish Fika & Exhibition
15:30 - 15:50 Sample preparation Martin Lischka, Herzog	15:30 – 16:00 Summary of the workshop
15:50 – 16:00 Eurachem Guidance , Bertil Magnusson	
16:00 – 18:00 Vendor presentations (4min <i>each</i>) and exhibition	
18:00 – 22:30 Cooking class and dinner	16:00 Workshop finish



Speakers

HERE ARE THE SPEAKERS AT THE XRF MEETING SHORTLY PRESENTED

	Bertil Magnusson Trollboken - organiser Analytical chemist worked mainly with spectroscopy (XRF XRD ICP). Earlier Akzo Nobel and RISE. Author of guidance on measurement quality from Nordtest & Eurachem.		Camilla Junggren Kemistutbildarna AB + LAB Sweden AB. Organiser of courses and user meetings with Kemistutbildarna and sales of reference materials and sampel preparation equipment in LAB Sweden AB
	Björn Stolpe , Nouryon Specialist in atomic spectroscopy at the chemical analysis laboratory of Nouryon in Bohus, Sweden.		Christos Tsouris ESAB - organiser Analytical chemist and XRF specialist providing technical support to labs within ESAB. Earlier worked in mining business and in the development of Malvern Panalytical's Zetium spectrometer.
	Frédéric Davidts XRF Scientific Capital Equipment Sales Manager with more than 20 years' experience in XRF sample preparation. Previously at Socachim and R&D chemist at UCL.		Maggi Loubser Univ. of Pretoria Analytical chemist with three decades specializing in XRF in industry and at university and has introduced XRF for art and conservation in Africa. – invited speaker.
	Anders Rindby Cox Analytical Systems Associated Professor in x-ray micro-analysis, Chalmers University of Technology, CEO at Cox Analytical Systems 2003 - 2018		Rainer Schramm Fluxana Chemist and XRF specialist. Founder of Fluxana, member of three DIN working groups.
	Jakob Noreland Malvern Panalytical Inorganic chemist with 20 years of experience as application specialist for XRF and XRD in the Nordic countries		Torkild Eivindson Glencore Nikkelverk AS Analytical Chemist and XRF specialist. Earlier work at Elkem with silicon and ferroalloys. Now working with on-line XRF of process solutions
	Mehmedalja Didic LKAB Working with method development and quality control within LKABF		Carl Rönnow Svenska båtunionen Environment & Sustainability specialist and XRF project manager. Earlier Environment and Health Administration, City of Stockholm.
	Mathieu Bauer Thermo Fisher Scientific Analytical chemist and application Scientist for handheld XRF.		Anna Johnsson Höganäs Sweden Method developer in XRF, also working with ICP and titration. Earlier worked with image analysis and programming in close contact with customers.
	Jonas Berntsen Westinghouse Analytical chemist working with XRF, ICP and wet chemistry wet chemistry.		Andreas Fischer Chemistry & Material, RISE Chemical engineer working in analytical chemistry with handheld and WD-XRF
	Henrik Fahlquist-Hagert , Thermo. Fisher Scientific		

Maggi Loubser, invited speaker from School of Arts at University of Pretoria is invited speaker at the XRF User Meeting 2019 and we are looking forward meeting her and that she shares her XRF knowledge with us. Below a more extensive CV.
Maggi Loubser's career as an analytical chemist spans three decades specializing in XRF working in a wide range of industries including the nuclear industry, cement industry, at a university and as a consultant. Her wide experience includes deliverables such as building up an X-ray Analytical facility, overseeing, technical support to numerous laboratories, presenting lectures, hands on training and ultimately solving problems using XRF technologies. Whether as a manager, consultant, researcher or lecturer Maggi has had a taste of many aspects of the working world using XRF!
Today Maggi supports the mining and manufacturing industry in the training of chemists and calibration of WD and EDXRF spectrometers, assists in method development, does gap identification audits and walks the journey with a laboratory to address them. She works on handheld spectrometers, setting up custom calibrations for clients in mining and manufacturing, acting as an occasional crash test dummy for software developers and aims to introduce portable XRF as a benchmark technique for art and conservation in Africa. This gives her the opportunity to play with anything from shipwreck treasures to paintings from the old masters and heritage sculptures. Her latest challenge is the Tangible Heritage master's program and teaching science to students with a humanities background to equip them to better understand the materials they work with in conservation and research of cultural heritage objects.