

26th Annual MAX IV Laboratory User Meeting



Monday 23 September 2013 - Wednesday 25 September 2013

Elite Gateway Hotel Ideon

Programme

Monday, 23 September – Room: TERA

09:00 - 17:30 | **FEL Workshop** , for program see link to the left

11:00

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Registration Desk opens at Elite Hotel Ideon (Gateway)

12:00 - 13:00 | **Lunch** at Elite Hotel Ideon (Gateway)

(included in conference fee, reserve when registering)

13.00 - 13.15 | **Welcome**

Christoph Quitmann, Director, MAX IV Laboratory

13:15 - 13:45 | (Chair: Christoph Quitmann)

Status Reports of Ongoing Activities at MAX-lab

Status Accelerators

Åke Andersson, Deputy Machine Director, MAX IV Laboratory

Status Beamlines

Ralf Nyholm, Coordinator Synchrotron Radiation, MAX IV Laboratory

13:45 - 14.30 | Plenary Lecture:

The Structure and Mechanism of a New Class of Ion Pump

Prof. A Goldman, Helsinki University, Finland & Leeds University, UK

14.30 - 15.00 | **Coffee**

15:00 - 15:20 | (Chair: J Andersen)

PAC Lars Johansson

15:20 - 15:40 | **User Highlight 1:**

Best PHD Thesis Award Winner & Presentation

15:40 - 16:00 | **User Highlight 2:**

Hanna Isaksson, Faculty of Engineering, Lund University - Infrared Spectroscopy to Understand Biomechanics of Bone

16:00 - 17:00 | **Annual Meetings of FASM and SSUO**

Ingmar Persson, Chairman of FASM

Olle Björneholm, Chairman of SSUO

16:15,

17:15,

18:15 | Bus departures for **guided tours of the MAX IV** construction site, pre-booking needed at the registration desk, last arrival back ~19:15

17:00 - 19:30 | **Poster Session** with refreshments
Tuesday, 24 September - Room morning sessions: Tera

08:45 - 09:30 | (Chair: Y Cerenius)

Plenary Lecture:

New Forms of Matter: Topological Insulators and Superconductors

Prof. M. Zahid Hasan, Princeton University, USA

09:30 - 10:00 | **State of the MAX IV Laboratory**

Christoph Quitmann, Director, MAX IV Laboratory

10:00 - 10:20 | **State of the MAX IV Accelerators**

Mikael Eriksson, Machine Director, MAX IV Laboratory

10:20 - 10:50 | **Coffee**

10:50 - 11:10 | (Chair: A Steuwer)

The Phase I Beamlines - Status

Y Cerenius, F Hennies, Beamline Project Office, MAX IV Laboratory

11:10 - 11:30 | **The MAX IV Building**

Ulrika Hallengren, VD ML4

11:30 - 11:50 | **Phase II Process and Status**

Jesper Andersen, Science Director, MAX IV Laboratory

11:50 - 12:10 | **The Röntgen Ångström Cluster**

Prof. Ulf Karlsson KTH

12:10 - 13:00 | **Lunch** at Elite Hotel Ideon (Gateway)

13:00 - 18:00

(Coffee Break 15:00-15:30)

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Parallel Sessions :

-The Phase II Beamlines: MicroMAX Beamline

"The Future of Microfocus Protein Crystallography" - Room: TERA

-Low Density Matter (Gunnar Öhrwall) - Room: KILO

-Real-Conditions & Real-Time (Achim Schnadt, J Knudsen) - Room: GIGA

-Computing & Software (Krister Larsson, Darren Spruce) - Room: MEGA

19:00 | **Banquet** at Elite Hotel Ideon (Gateway)
Wednesday, 25 September

09:00 - 12:00

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Parallel Sessions continued

-The Phase II Beamlines: MicroMAX -

" The Future of Microfocus Protein Crystallography" - Room: TERA

-Phase IIb Beamlines (Axel Steuwer, Jesper Andersen) - Room: GIGA

- Inelastic Scattering of Photons & Neutrons (Franz Hennies) - Room: MEGA

12:00-13:00 | **Lunch** at Elite Hotel Ideon (Gateway)