

# test program pdf



**Tuesday 20 February 2018 - Saturday 24 February 2018**

## **Scientific 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)