

RÅC Perspective Workshop – Photon Science

09 June 2017, FLASH Seminar room (Building 28c, 2.OG), DESY Hamburg

(www.rontgen-angstrom.eu)

Pre-Programme 08 June 2017

Starting at 17:00h: Facility Tours of European XFEL and DESY (Meeting Point: DESY, Building 1, Foyer; please wear closed shoes)

Afterwards 19:45h-21:30h informal get-together (DESY, FLASH Seminar room, Building 28c, 2.OG)

Main Programme 09 June 2017

- 08:30** Registration
- 09:00** **Opening Session**
Welcome and introducing to the goals of this workshop – Ulf Karlsson, Linköping U and Head of Swedish Delegation of RÅC
- 09:15** **Session I: Setting the stage - the RÅC Landscape (2x 20')**
Importance of RÅC - view from Germany
Helmut Dosch, Chair of the Board of Directors at DESY

International collaborations and RÅC – view from Sweden
Johan Holmberg, Swedish Research Council
- 10:00** **Session II: Future Role of New Research Infrastructures within RÅC (2x 20')**
MAX IV and the RÅC - Jesper Andersen, MAX IV

The European XFEL and the connection to RÅC and Sweden – Robert Feidenhans'l, Managing Director of European XFEL GmbH
- 10:45** **Coffee break**

- 11:15** ***Changed Agenda: Emerging new scientific themes for German-Swedish Collaboration***
- Opportunities in Water Research
- Anders Nilsson, U Stockholm and Gerhard Grübel, DESY
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- 11:30** **Session III: Trends and Opportunities of German-Swedish research projects (2x 20')**
- Advanced Materials
- Jens Birch, Linköping U
 - Norbert Schell, Helmholtz Center Geesthacht HZG
- Biosystems/Life Science
- Inger Andersson, Uppsala U
 - Anton Barty, DESY
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- 12:15** **Session IV: Swedish Research Infrastructures and Collaboration in Germany – Importance, opportunities and outlook (3x 20')**
- The Swedish beam line at PETRA III – Wolfgang Drube, DESY
- The Swedish facility at CSSB - Martin Hällberg, Karolinska Institute
- The Swedish Participation at BESSY II – Nils Mårtensson, Uppsala U
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- 13:15** **Lunch (Foyer FLASH Seminar Room)**
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- 14:00** ***Changed Agenda: Session V: Emerging new scientific themes for German-Swedish Collaboration (2x 15')***
- X-ray imaging at the nano-scale: in-operando, in-situ and time-resolved experiments
- Markus Osterhoff, U Göttingen – in cooperation with Jesper Wallentin, Lund U
- Bio-inspired Materials
- Daniel Söderberg, KTH Stockholm – in cooperation with Stephan Roth, DESY

