

**Joint Annual Meeting of
Finnish Synchrotron Radiation User Organisation (FSRUO) and
Finnish Structural Biology Network (FINNBOX) 2017**

Venue: Arc1, Arcanum, University of Turku

4.12. Monday

9:15 Registration opens (Arcanum)

9:45 Coffee

Presentation of European infrastructure programs

10:15 Prof. Sarah Butcher (Director of the Instruct-FI steering group)
Instruct-ERIC - A pan-European research infrastructure in structural biology

10:45 Dr. Tommi Nyrönen (Project Director, CSC - IT Center for Science)
ELIXIR - A distributed infrastructure for life-science information

11:15 Dr. Andreas Scherer (Project Director, FIMM) *EATRIS ERIC - supporting translational research through creation of scientific networks*

11:45-13:00 Lunch break (Galilei, Agora building)

Session 1

13:00 Dr. Zoë Fisher (Life Science Scientist, European Spallation Source, Lund)
Structural biology using neutrons

13:45 Prof. Sarah Butcher (University of Helsinki) *An introduction to cryoEM and image reconstruction and their use to explore new antiviral drugs at atomic resolution*

14:15 Dr. Johanna Hakanpää (European Molecular Biology Laboratory, Desy, Hamburg) *Serial synchrotron crystallography at EMBL PETRA III beamline P14*

14:45-15:15 Coffee

Session 2

15:15 Prof. Serguei Molodtsov (Eu-XFEL) *Research at the European X-ray free-electron laser (XFEL) facility*

16:00 Dr. Harald Reichert (ESRF) – Title to be announced

16:45 **Poster session with flash presentations**

18.00 **FSRUO Annual meeting (Arc1)**

19:00 Buffet dinner (Arcanum building)

5.12. Tuesday

Session 3

9:00 Prof. Derek Logan (Lund University, SARomics Biostructures) *Structural diversity of oligomerisation-induced inhibition of ribonucleotide reductases*

9:45 Dr. Eero Itälä (University of Turku) *Can gas-phase experiments explain the chemistry of radiosensitization?*

10:15 Prof. Gerrit Groenhof (University of Jyväskylä) *Observe while it happens: catching a photoreceptor in the act with a free electron laser*

10:30 Prof. Marko Huttula (University of Oulu) *Synchrotron based soft x-ray spectromicroscopy for bio, medical and hard materials characterization*

10:45 Closing the joint meeting

11:00-12:30 Lunch break (Galilei at Agora building)

FINNBOX Session

12:30-13:00 Dr. Helena Taberman (University of Oxford) *Mechanism or X-ray damage? A case study with Xylose isomerase*

13:00-13:30 Dr. Anton V. Zavialov (University of Turku) *Structural basis for Acinetobacter baumannii biofilm formation*

13:30-14:00 Dr. Ulla Pentikäinen (University of Turku) *What goes wrong in diseases? - Applying structural biology in the investigation of molecular mechanisms of diseases*

14:00 - Coffee and guided tour in Biocity