ESS DMSC meets DTU and UCPH, Workshop #2

Date: Thursday 5th of October

Venue: Department of Physics, Technical University of Denmark, Building 311, Ground floor.

Part 1: What is the ESS Data Management and Software Center?		
13:00	Jane Hvolbæk Nielsen (DTU Physics) Giovanna Fragneto (ESS)	Visions for collaborations between ESS DMSC and Danish Universities
13:10	Thomas H Rod (ESS)	Scope of the ESS-DMSC
13:20	Morten J Christensen (ESS)	Experiment Control and Data Curation
13:30	Mads Bertelsen (ESS)	Data Reduction, Analysis, and Modelling Group
13:40	Massimiliano Novelli (ESS)	User and Data Journey, FAIR Data and Data Curation
13:50	Greg Tucker (ESS)	Instrument Data Scientists
14:00	Brian Lindgren Jensen (ESS)	Computational infrastructure for scientific user program
14:10	Peter Willendrup (ESS/DTU)	Existing DMSC-DTU-KU collaborations around McStas
Coffee break		

Part 2: Activities at DTU and University of Copenhagen of relevance to ESS DMSC		
14:30	Andreas Haahr Larsen KU Sund	Neutron scattering and simulations reveal the dynamics of protein complexes - but this method is practically inaccessible to most bio scientists
14:40	Kristian Sommer Thygesen DTU Physics	Data & HPC-driven discovery of novel materials for nanotechnology and sustainable energy
14:50	Thomas Olsen DTU Physics	Magnetic order and excitations from density functional theory
15:00	Andreas Kreisel KU NBI	Magnetic fluctuations for superconductivity: From itinerant to localized picture
15.10	Anders Dahl DTU Compute	QIM & 3D image analysis
15:20	Jakob Sauer Jørgensen DTU Compute	Reconstruction methods and software for X-ray and neutron tomography
15:30	Petroula Karakosta KU NBI	McStas meets Machine Learning
Mingle, beer, snacks		