

Introduction to the ESS-NIUS Symposium

Monday, April 16, 2012 8:30 AM (20 minutes)

NIUS has been initiated by three institutions (PSI, HZB and TUM) in order to have a platform for the users and the operators of the neutron imaging facilities to exchange knowledge about the recent research results and the new and improved options in the imaging techniques.

In addition, the European Spallation Neutron Source ESS to be built in Lund, Sweden, comes into the game as a potential site to host an advanced neutron imaging facility as early as ESS comes into operation.

Based on the experience gained during previous and running studies a forecast and brainstorming about future demands and options at the existing neutron imaging beam lines but also for ESS should be initiated during the workshop.

Despite of the wide range of research topics we hope for mutual understanding of the imaging procedures and the research results presented by the participants. Their feedback is very welcome during and at the end of the workshop in order to define the right scientific arguments and technical layout of the future ESS facility for neutron imaging.

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Session Classification: Introduction