

Neutron imaging facilities and applications at the PSI spallation neutron source SINQ

Friday, 29 May 2015 09:45 (1 hour)

Neutron imaging, also known as neutron radiography, is a mainly non-diffractive application of highly collimated, large area, neutron beams for direct projection imaging with cold and thermal neutrons. Due to its direct (real space) imaging capabilities it is complementary to neutron scattering methods and is applied to a wide range of non-destructive testing problems arising in research and industry. This talk gives an overview of the facilities and methods used at PSI and presents results of selected neutron imaging investigations.

Primary author: Mr VONTOBEL, Peter (Paul Scherrer Institut)

Presenter: Mr VONTOBEL, Peter (Paul Scherrer Institut)

Session Classification: Keynote Lectures