



SAIP - 2012

WINTER SCHOOL

Monday 9th July : Univ. of Pretoria

THE PHYSICS OF PROBING – WITH EMPHASIS ON NEUTRONS

REGISTRATION OPEN TILL 4th June

<http://indico.saip.org.za/conferenceDisplay.py?confId=14>

!!! INTERNATIONAL SPEAKERS !!!

SELECTED NEUTRON APPLICATIONS IN:

STRAIN SCANNING (*DIFFRACTION*):

Dr. Vladimir Luzin

(Bragg Institute **Australian** Nuclear Science & Technology Organisation)

IMAGING (*Radiography / Tomography*):

Dr. Burkhard Schillinger

(Neutronentomographie ANTARES Forschungsreaktor FRM-II, Technische Universität München, **Germany**)

Fast neutrons Absorption Cold neutrons Thermal neutrons
Bragg edge SANS Diffraction Tomography
Non-elastic Scattering Radiography Elastic Scattering

Sponsored by the South African Nuclear Energy Corporation