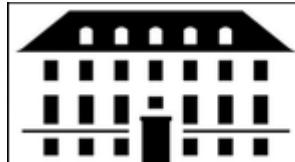


Session Program

23-27 Jun 2014



The Niels Bohr
International Academy

NBIA PhD-School: Neutrinos underground & in the heavens

Problems Class/Student Talks

Niels Bohr Institute, Auditorium A
Blegdamsvej 17 DK-2100 Copenhagen Denmark

Monday 23 June

16:00

17:30

Problems Class/Student Talks: Session 1

Session | Location: NBI, Aud A

Tuesday 24 June

16:00

Problems Class/Student Talks: Session 2

Session | Location: NBI, Aud A

16:00-16:20 **Search for astrophysical neutrinos with IceCube**

Speaker

Ms Kiran Munawar

16:20-16:40 **Detection of prompt atmospheric neutrinos with IceCube**

Speaker

Ms Hadis Bagherpour

16:40-17:00

A Search for Astrophysical Neutrino Sources in the Southern Hemisphere using the IceCube Neutrino Observatory

Speaker

Mr Rickard Stroem

17:00-17:20 **Indirect Detection of Dark Matter using IceCube**

Speaker

Mr Morten Medicci

17:20-17:40 **Low-energy tau searches with IceCube**

Speaker

Michael Larson

18:00

Wednesday 25 June

16:00

Problems Class/Student Talks: Session 3

Session | Location: NBI, Aud A

16:00-16:20 **Diffractive studies at the LHC**

Speaker

Mr Simon Stark Mortensen

16:20-16:40 **Scattering Amplitudes**

Speaker

Mr Mads Sogaard

16:40-17:00 **Neutrinos and hard probes in heavy ion collisions**

Speaker

Alexander Hansen

17:00-17:20 **ICARUS T600 experiment: latest results and perspectives**

Speaker

Marta Torti

17:20-17:40 **Enceladus Explorer project**

Speaker

Franziska Scholz

17:40-18:00 **Problems session**

18:20

Thursday 26 June

16:00

Problems Class/Student Talks: Session 4

Session | Location: NBI, Aud A

16:00-16:20 **ESSnuSB - The European Spallation Source Neutrino Super Beam**

Speaker

Mr Alexander Burgman

16:20-16:40 **The nuMSM: Successes and shortcomings**

Speaker

Mr Kyle Allison

16:40-17:00 **(Re)constructing Finite Non-Abelian Flavour Groups**

Speaker

Mr Jim Talbert

17:00-17:20 **A Perturbation Parable: Relating the neutrino oscillation parameters**

Speaker

Ms Soumita Pramanick

17:20-17:40 **Coincidence Measurements for Gerda Phase II**

Speaker

Ms Katharina von Sturm

17:40-18:00 **Problems session**

18:20

Friday 27 June

16:00

Problems Class/Student Talks: Problems Class/Student Talks

Session | Location: NBI, Aud A

16:00-16:20

CeSOX: an antineutrino generator to test for an eV-scale sterile neutrino

Speaker

Mr Mathieu Durero

16:20-16:40

Measurements of the T2K experiment

Speaker

Ms Weronika Warzycha

16:40-17:00

Searches for Dark Matter induced neutrinos.

Speaker

Ms Katarzyna Frankiewicz

17:00-17:20

Model free data fitting

Speaker

Mr Jeppe Trøst Nielsen

17:30