

Session Program

24-28 Mar 2014



The Structure and Signals of Neutron Stars, from Birth to Death

Afternoon session - Parallel A

Tuesday 25 March

14:30

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Session | Convener: Dmitry Yakovlev

14:30-14:50

Transport coefficients of nuclear matter in neutron star cores in the BHF framework

Speaker

Peter Shternin

14:50-15:10

Transport coefficients in superfluid neutron stars

Speaker

Dr Laura Tolos

15:10-15:30

Tests of the nuclear equation of state and superfluid and superconducting gaps using the Cassiopeia A neutron star

Speaker

Wynn Ho

15:30-15:50

The neutron star in Cassiopeia A: equation of state, superfluidity, and Joule heating

Speaker

Dr Alfio Bonanno

15:50-16:10

Effects of superfluidity on cooling of compact stars

Speaker

Armen Sedrakian

16:10-16:30

Thermal Evolution of Compact Stars with Color Superconducting Quark Matter

Speaker

Dr Tsuneo Noda

16:30