Doctoral Training Programme

Neutron-rich matter:constraints from nuclear physics and astrophysics

Week 5
May 13-17, 2013

Monday, May 13

10h00-11h00 and **11h30-12h30 Andreas Bauswein** (Max Planck Institute for Astrophysics, Germany): N*eutron stars in astrophysical simulations*.

Tuesday, May 14

10h00-11h00 and **11h30-12h30 Peter Braun-Munziger** (GSI, Germany): *Experimental constraints on hot and dense matter*.

14h30-15h00 and 15h00-15h30
Gwendolyn Lacroix (Mons University, Belgium): *Glueballs and the Yang-Mills plasma within quasiparticle approaches*.
Matthias Drews (TU Munich, Germany): *Dense matter and functional renormalization group*.

Wednesday, May 15

10h00-11h00 Peter Braun-Munziger (GSI, Germany): *Experimental constraints on hot and dense matter*.
11h30-12h30 Andreas Bauswein (Max Planck Institute for Astrophysics, Germany): N*eutron stars in astrophysical simulations*.

Thursday, May 16

10h00-11h00 and **11h30-12h30 Peter Braun-Munziger** (GSI, Germany): *Experimental constraints on hot and dense matter*.

14h30-15h00 and 15h00-15h30
Shota Ohnishi (Institute of Technology and RIKEN, Japan): *Production reaction of* $\overline{K}NN$-πYN *and* $\overline{K}N$ *interaction*.
Kevin Ebinger (University of Basel, Switzerland): *Parameterized one-dimensional core-collapse supernova simulation*.

Friday, May 17

10h00-11h00 Andreas Bauswein (Max Planck Institute for Astrophysics, Germany): N*eutron stars in astrophysical simulations*.