

Doctoral Training Programme

Neutron-rich matter: constraints from nuclear physics and astrophysics

Week 3

April 29 – May 3, 2013

Monday, April 29

10h00-11h00 Yuri Litvinov (GSI, Germany): *Experimental constraints on neutron rich systems.*

11h30-12h30 Bob Rutledge (McGill University, Canada): *Observations of neutron stars and X-ray bursts.*

Tuesday, April 30

10h00-11h00 Yuri Litvinov (GSI, Germany): *Experimental constraints on neutron rich systems.*

11h30-12h30 Bob Rutledge (McGill University, Canada): *Observations of neutron stars and X-ray bursts.*

14h30-15h00 Heiko Moeller (TU Darmstadt, Germany): *Electron capture supernovae.*

15h00-15h30 Corbinian Wellenhofer (TU Munich, Germany): *Nuclear equation of state at finite temperatures.*

Wednesday, May 1

10h00-11h00 and 11h30-12h30 Yuri Litvinov (GSI, Germany): *Experimental constraints on neutron rich systems.*

Thursday, May 2

10h00-11h00 Yuri Litvinov (GSI, Germany): *Experimental constraints on neutron rich systems.*

11h30-12h30 Bob Rutledge (McGill University, Canada): *Observations of neutron stars and X-ray bursts.*

14h30-15h00

Wei-Chia Chen (Florida State University, USA) *Relativistic mean field theory – from finite nuclei to neutron stars.*

15h00-15h30 Madhumita Dhar (University of Giessen, Germany): *Large-scale shell model calculations for the 100-132 mass region.*

Friday, May 3

10h00-11h00 and 11h30-12h30 Bob Rutledge (McGill University, Canada): *Observations of neutron stars and X-ray bursts.*