

# Swedish Nuclear Physics Meeting XXX, 16-17 November 2010

Häggsalen, Ångström Laboratory, Uppsala University, Uppsala

| Date/chairperson     | Time  | Title                                                                                                                                 | Speaker               | Affiliation              | Length   | Abstract            |
|----------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|----------|---------------------|
| Tuesday 2010-11-16   | 13:00 | Registration                                                                                                                          |                       |                          | 30 min   |                     |
| Tord Johansson       | 13:30 | Welcome                                                                                                                               | Johan Nyberg          | UU                       | 5 min    |                     |
|                      | 13:35 | Hadron Spectroscopy: An Experimental Overview                                                                                         | Diego Bettoni         | INFN Ferrara, Italy      | 35+5 min | <a href="#">PDF</a> |
|                      | 14:15 | Towards an Effective Field Theory for Vector Mesons                                                                                   | Stefan Leupold        | UU                       | 25+5 min | <a href="#">PDF</a> |
|                      | 14:45 | Electromagnetic Transition Form Factors of Light Vector and Pseudoscalar Mesons                                                       | Carla Terschlüsen     | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 15:05 | $\eta \rightarrow \pi^+ \pi^- \pi^0$ Decay with WASA-at-COSY                                                                          | Patrik Adlarson       | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 15:25 | $\pi^0$ Decay in $pp \rightarrow \pi^0$ Reaction                                                                                      | Carl-Oscar Gullström  | UU                       | 15+5 min |                     |
|                      | 15:45 | Coffee break                                                                                                                          |                       |                          | 20 min   |                     |
| Thomas Nilsson       | 16:05 | Effective Field Theories for Few- and Many-Body Systems                                                                               | Lucas Platter         | INT Seattle, USA         | 25+5 min | <a href="#">PDF</a> |
|                      | 16:35 | Fission of Relativistic Radioactive Beams                                                                                             | Andreas Heinz         | TU Darmstadt             | 25+5 min | <a href="#">PDF</a> |
|                      | 17:05 | TASCA: Superheavy Elements at GSI in the 21st Century                                                                                 | Lise-Lotte Andersson  | Liverpool University, UK | 20+5 min | <a href="#">PDF</a> |
|                      | 17:30 | MACRO - a Methodology for Handling Nuclear Data Uncertainties                                                                         | Cecilia Gustavsson    | UU                       | 25+5 min | <a href="#">PDF</a> |
|                      | 18:00 | NuPECC Long Range Plan 2010                                                                                                           | Tord Johansson        | UU                       | 15+5 min |                     |
|                      | 18:20 | Information from the Nuclear Physics Section and election of board members                                                            | Johan Nyberg          | UU                       | 15 min   |                     |
|                      | 19:30 | Dinner                                                                                                                                |                       |                          |          |                     |
|                      |       |                                                                                                                                       |                       |                          |          |                     |
| Date                 | Time  | Title                                                                                                                                 | Speaker               | Affiliation              | Length   | Abstract            |
| Wednesday 2010-11-17 | 09:00 | Convergence Properties of Density-Matrix Expansions                                                                                   | Gillis Karlsson       | LU                       | 25+5 min | <a href="#">PDF</a> |
| Claes Fahlander      | 09:30 | Identification of Excited States in the $N = Z$ Nucleus $^{92}\text{Pd}$ : Evidence for a Spin-Aligned Neutron-Proton Coupling Scheme | Farnaz Ghazi Moradi   | KTH                      | 15+5 min | <a href="#">PDF</a> |
|                      | 09:50 | Deviations of Alpha Decay Half-Lives from the Geiger-Nuttall Law as a Manifestation of Nuclear Structure Effects                      | Chong Qi              | KTH                      | 15+5 min | <a href="#">PDF</a> |
|                      | 10:10 | Position Resolution Measurements of the AGATA Segmented Ge detectors                                                                  | Pär-Anders Söderström | UU                       | 15+5 min |                     |
|                      | 10:30 | Coffee break                                                                                                                          |                       |                          | 20 min   |                     |
| Bo Cederwall         | 10:50 | Nordic Nuclear Physics Conference 2011                                                                                                | Bo Cederwall          | KTH                      | 10 min   |                     |
|                      | 11:00 | Information from the Swedish Research Council                                                                                         | Gunnar Ingelman       | UU                       | 10+5 min |                     |
|                      | 11:15 | Development of Polarised Radioactive Beams at REX-ISOLDE                                                                              | Hans Törnqvist        | Chalmers                 | 15+5 min | <a href="#">PDF</a> |
|                      | 11:35 | Tardigrades - Small, Slow and Survive Radiation                                                                                       | Charlotta Nilsson     | LU                       | 25+5 min | <a href="#">PDF</a> |
|                      | 12:05 | Stroke Asymmetry of Tilted Superhydrophobic Ion Track Textures                                                                        | Lars Westerberg       | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 12:25 | Lunch                                                                                                                                 |                       |                          | 90 min   |                     |
| Ane Håkansson        | 13:55 | Information about open PhD and Postdoc positions at SKC, UU, KTH and Chalmers                                                         | Jan Blomgren          | Vattenfall AB            | 10 min   |                     |
|                      | 14:05 | GENIUS Program                                                                                                                        | Stephan Pomp          | UU                       | 10 min   | <a href="#">PDF</a> |
|                      | 14:15 | Confessions of a Nuclear Data Junkie                                                                                                  | Mattias Lantz         | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 14:35 | Measurement of Emission of Hydrogen- and Helium-Isotopes from Iron and Bismuth Induced by Intermediate Energy Neutrons                | Riccardo Bevilacqua   | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 14:55 | Digital and Analogue Data Acquisition System Comparison in Neutron-induced Fission Experiments                                        | Ali Al-Adili          | IRMM/UU                  | 15+5 min | <a href="#">PDF</a> |
|                      | 15:15 | Memory Effect Reduction in Radioxenon Detection Systems Used for Nuclear-Test-Ban Treaty Verification                                 | Lisa Bläckberg        | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 15:35 | Measurement of Fragment Mass Yields in Neutron-Induced Fission of $^{232}\text{Th}$ and $^{238}\text{U}$ at 33, 45 and 60 MeV         | Vasily Simutkin       | UU                       | 15+5 min | <a href="#">PDF</a> |
|                      | 15:55 | End of meeting                                                                                                                        |                       |                          |          |                     |