

Program

Torsdag, 11 november i Polhemsalen (Ångströmlaboratoriet)

- 9:00-10:00 Registration and coffee.
10:00-10:05 Welcome Address (Per-Erik Tegnér, SU)
10:05-10:35 Björn Jonson (CTH): INPC2004 – some reflections.
10:35-11:05 Bo Jakobsson (LU): Heavy-ion Physics at FAIR.
11:05-11:25 Andreas Oberstedt (ÖU): New results on the neutron-induced fission cross section of ^{231}Pa .
11:25-11:45 Philippe Mermod (UU): Search for three-nucleon forces.
11:45-12:05 Pia Thörngren (UU): The experimental search for evidence of the three-nucleon force and a new analysis method.
12:05-13:30 LUNCH
13:30-13:50 Karin Schönning/Henrik Pettersson (UU): Hadron Physics at the CELSIUS/WASA facility in Uppsala (20)
13:50-14:10 Samson Keleta (UU): Study of the WASA Detector with the Reaction $pp \rightarrow pp\pi^0$ at 400 MeV Beam Energy (20)
14:10-14:30 Linda Gerén (SU): Pionic Fusion Study of the ^6He halo.
14:30-14:50 Mårten Stenmark (UU): Pentaquarks at CELSIUS.
14:50-15:10 Curt Ekström (UU): The future of TSL.
15:10-15:30 Magnus Wolke (FZ Jülich): The physics program with WASA at COSY
15:30-16:00 KAFFE
16:00-16:20 Stephan Pomp (UU): The new TSL neutron beam facility.
16:20-16:40 Angelica Hildebrand (UU): Neutron elastic scattering for applications.
16:40-17:00 Bel Bergenwall (UU): Cross section data and kerma coefficients at 95 MeV neutrons for cancer therapy.
17:00-17:20 Otasowie Osifo (UU): Encapsulation of spent nuclear fuel, industrial and safeguards aspects.
17:20-17:35 Information om svenskt deltagande i FAIR (Örjan Skeppstedt)
17:35-17:40 Information from the Nuclear Physics Board of EPS (Ramon Wyss)
17:40-17:50 Conferences and summer schools in 2005
17:50-18:00 Val av styrelseledamöter
19:30- MIDDAG på Västgöta Nation, Västra Ågatan 18

Fredag, 12 november i rum 4001 (Ångströmlaboratoriet)

- 9:00-9:20 Inti Lehmann (UU): Physics with high energy anti-protons at FAIR.
9:20-9:40 Evert Birgersson (ÖU): Binary fission-fragment yields for $A = 80$ to 124 from the fission of $^{252}\text{Cf}^*$ induced by thermal neutrons.
9:40-10:00 Evert Stenlund (LU): Physics with PHENIX at RHIC.
10:00-10:20 Gillis Carlsson (LTH): Calculating nuclear masses at high spin.
10:20-11:05 Ragnar Hellborg (LU): Accelerators, history and modern applications {öppet för studenter}.
11:05-11:35 KAFFE
11:35-11:55 Henrik Olofsson (LTH): Chaotic nuclear masses.
11:55-12:15 Lise-Lotte Andersson (LU): Identification of Excited States in ^{61}Ga : Mirror Nuclei in the Upper fp Shell.
12:15-12:35 Karin Andgren (KTH): Lifetime measurements of normal deformed states in ^{165}Lu .
12:35-12:55 Henryk Mach (UU): A summer visit to the Island of Inversion.
12:55-13:15 Daniel Karlgren (KTH): Alpha-decay hindrance factors.