

Research with CRYRING@ESR

Monday 24 April 2017

Talks: Session I - Hörsaal KBW 1.017 (14:00-15:20)

-Conveners: Thomas Stöhlker

time	[id] title	presenter
14:00	[31] Welcome address	Prof. GIUBELLINO, paolo
14:20	[6] Quantum dynamics of electrons in low-energy heavy-ion collisions	SHABAEV, Vladimir
14:50	[11] Nuclear Astrophysics	Dr LAIRD, Alison

Talks: Session II - Hörsaal KBW 1.017 (15:50-17:20)

-Conveners: Alfred Müller

time	[id] title	presenter
15:50	[13] CRYRING, performance and characteristics of the Stockholm installation 1990-2010	Dr KÄLLBERG, Anders
16:20	[33] CRYRING@ESR machine performance	Dr HERFURTH, Frank
16:40	[4] TBA (tentatively: (p,γ) in the Gamow window of the p-Process)	Dr REIFARTH, Rene
17:00	[5] TBA (tentatively: Materials modifications with low-energetic HCl)	Prof. WUCHER, Andreas

Tuesday 25 April 2017

Talks: Session III - Hörsaal KBW 1.017 (09:00-10:35)

-Conveners: Phil Woods

time	[id] title	presenter
09:00	[3] TBA (tentatively: Laser physics at CRYRING)	Prof. NOERTERSHAEUSER, Wilfried
09:20	[29] Low-energy ion-atom/ion collisions in storage ring	GUMBERIDZE, Alexandre
09:40	[10] Search for NEEC with CRYRING@ESR	Dr LITVINOV, Yury
10:00	[7] A new CRYRING gasjet target	PETRIDIS, Nikolaos
10:15	[27] TBA (tentatively: Reaction microscopes in storage rings)	Dr SCHÖFFLER, Markus

Talks: Session IV - Hörsaal KBW 1.017 (11:05-12:45)

-Conveners: Dominique VERNHET

time	[id] title	presenter
11:05	[12] Charge particle reaction studies for nuclear astrophysics on the CRYRING	WOODS, Phil Dr DAVINSON, Thomas
11:25	[2] Radiation Biology Experiments at CRYRING	Dr PLESKAC, Radek
11:45	[8] XUV Photoionization of ions at CRYRING	ROTHHARDT, Jan
12:05	[34] High-resolution spectroscopy of low-energy X-ray at CRYRING	Dr TRASSINELLI, Martino
12:25	[35] Micro-calorimeters for high resolution x-ray spectroscopy	Dr FLEISCHMANN, Andreas

Talks: Session V - Hörsaal KBW 1.017 (14:00-15:25)

-Conveners: Frank Herfurth

time	[id] title	presenter
14:00	[14] Radiation effects in astrophysical ices and biomolecules	Dr ROTHARD, Hermann
14:15	[28] Electron-Ion Collision Spectroscopy at CRYRING	SCHIPPERS, Stefan
14:35	[9] Relativistic calculations of differential ionization cross sections: Application to antiproton-hydrogen collisions	Mr BONDAREV, Andrey
14:50	[32] Overview of experiments at CRYRING	Dr LESTINSKY, Michael
15:10	[30] TBA (tentatively: SPARC and APPA at CRYRING)	Prof. SCHUCH, Reinhold