

Arbeitskreis Beschleunigerphysik (AKBP)

(Working Group on Accelerator Physics)

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Übersicht der Hauptvorträge und Fachsitzungen

(HS 7 und 8; Poster Foyer Nordbau)

Hauptvorträge

AKBP 5.1	Di	11:00–11:30	HS 7	New Developments in Cyclotrons and Gantries for Proton Therapy — •MARCO SCHIPPERS
AKBP 5.2	Di	11:30–12:00	HS 7	Non-destructive Beam Diagnostics for high Current Proton LINACs — •PETER FORCK
AKBP 5.3	Di	12:00–12:30	HS 7	The High Brilliance Neutron Source (HBS) - Challenges of a Modern Proton Accelerator — •HOLGER PODLECH
AKBP 5.4	Di	12:30–13:00	HS 7	The High Brilliance Neutron Source (HBS) Project — •THOMAS BRÜCKEL

Hauptvorträge des fachübergreifenden Symposiums SYPA

Das vollständige Programm dieses Symposiums ist unter SYPA aufgeführt.

SYPA 1.1	Mi	14:00–14:30	Plenarsaal	Laser-driven ion acceleration in plasmas — •JÖRG SCHREIBER
SYPA 1.2	Mi	14:30–15:00	Plenarsaal	Laser-driven electron acceleration in plasmas — •JEROEN VAN TILBORG
SYPA 1.3	Mi	15:00–15:30	Plenarsaal	Beam-driven electron acceleration in plasmas — •RICHARD D'ARCY
SYPA 1.4	Mi	15:30–16:00	Plenarsaal	Solar energetic electron events: Trying to understand the role of the shock — •NINA DRESING
SYPA 2.1	Mi	16:30–17:00	Plenarsaal	Plasma Wakefield Acceleration: Instabilities and Stabilization — •ALEXANDER PUKHOV
SYPA 2.2	Mi	17:00–17:30	Plenarsaal	LUX - A Laser-Plasma Driven Undulator Beamline — •ANDREAS R. MAIER
SYPA 2.3	Mi	17:30–18:00	Plenarsaal	Magnetic reconnection as a particle accelerator — •MICHAEL HESSE
SYPA 2.4	Mi	18:00–18:30	Plenarsaal	Experimental demonstration of proton bunch self-modulation and of electron acceleration in a 10m-long plasma — •PATRIC MUGGLI

Fachsitzungen

AKBP 1.1–1.7	Mo	14:00–15:45	HS 8	Particle Sources and Radiofrequency 1 Diagnostics, Control and Instrumentation Beam Dynamics Diagnostics, Control and Instrumentation Modern Proton Accelerators - Challenges and Perspectives Free-Electron Lasers Hadron Accelerators and Colliders New Accelerator Concepts Electron Accelerators New Accelerator Concepts Synchrotron Radiation
AKBP 2.1–2.7	Mo	14:00–15:45	HS 7	
AKBP 3.1–3.7	Mo	16:30–18:15	HS 8	
AKBP 4.1–4.5	Mo	16:30–17:45	HS 7	
AKBP 5.1–5.4	Di	11:00–13:00	HS 7	
AKBP 6.1–6.7	Di	14:00–15:45	HS 8	
AKBP 7.1–7.5	Di	14:00–15:15	HS 7	
AKBP 8.1–8.5	Di	16:30–17:45	HS 8	
AKBP 9.1–9.8	Di	16:30–18:30	HS 7	
AKBP 10.1–10.6	Mi	11:00–12:30	HS 8	
AKBP 11.1–11.6	Mi	11:00–12:30	HS 7	

AKBP 12	Do	11:00–13:00	HS 7	Bestowal of Prizes
AKBP 13.1–13.4	Do	14:00–15:00	HS 8	Hadron Accelerators and Colliders
AKBP 14.1–14.4	Do	14:00–15:00	HS 7	Radiofrequency 2
AKBP 15.1–15.25	Do	16:30–18:00	Foyer Nordbau	Poster session
AKBP 16	Do	19:00–21:30	HS 7	General Assembly of the Working Group on Accelerator Physics

Mitgliederversammlung Arbeitskreis Beschleunigerphysik

(General Assembly of the Working Group on Accelerator Physics)

Donnerstag 19:00–21:30 HS 7

- Bericht der Vorsitzende
- Beschleunigerpreise
- Verschiedenes