Verbundforschung in der Physik der kleinsten Teilchen

Thursday 31 August 2017

Kurzvorstellung der Projektvorschläge der Universitäten - Hörsaal (16:30-19:00)

time	[id] title	presenter
16:30	[31] ELBE/HZDR	Dr TEICHERT, Jochen
16:35	[30] Integrated Electronic Solutions for high precision / rad hard applications in accelerators	Prof. HOFMANN, Klaus
16:40	[4] RF control for high bunch charge c.w. applications	Mr AULENBACHER, Kurt
16:45	[5] SRF Cryomodule testing for electron accelerators under beam conditions	Prof. HUG, Florian
16:50	[6] c.w. SRF for heavy ion beams at GSI	Mr AULENBACHER, Kurt
16:55	[13] Pushing SRF technology for heavy ion research to the limit	Mr AULENBACHER, Kurt
17:00	[7] Weiterentwicklung von effizienten Protonen- und Ionen-Linearbeschleunigern für den Nieder- und Mittelenergiebereich	Prof. PODLECH, Holger
17:05	[8] Extension of the application range of the State-Space Concatenation Scheme	Mr HELLER, Johann
17:10	[9] Electromagnetic field simulation for particle accelerator components	Prof. DE GERSEM, Herbert
17:15	[10] Miniaturized Optical Beam Diagnostics	Mr ATES, Adem
17:20	[11] Construction and Beam Commissioning of the FAIR Proton LINAC	Mr SCHUETT, Maximilian
17:25	[12] Power Electronics for Accelerator operation	Prof. GRIEPENTROG, Gerd
17:30	[14] Development of Compact Ion Accelerators	Mr HÄHNEL, Hendrik
17:35	[15] Development of Neural Networks for the enhancement of Beam Transport Adjustment and Operational Performance of particle accelerators	Dr BIRKHAN, Jonny
17:40	[16] Laserkühlung im SIS100	Dr WINTERS, Danyal
17:45	[17] Beam Dynamics of Multi-Turn ERLs and Investigations on Transversal Beam Break Up	Dr ARNOLD, Michaela
17:50	[18] FAIR Synchrotron RF Challenges	Prof. KLINGBEIL, Harald
17:55	[19] Inspektionsroboter für Ringbeschleuniger	Prof. ADAMY, Jürgen
18:00	[20] interactive Beschleunigerphysik.de	Dr RATHJE, Dirk
18:05	[21] Development and optimization of a multimodal energy management concept for GSI and FAIR	Mr RIPP, Christopher Prof. STEINKE, Florian
18:10	[22] Langzeitstabile kalte Elektronenemitter für den Einsatz in kryogener Vakuummesstechnik im SIS100 bei FAIR	Prof. SCHLAAK, Helmut BIEKER, Johannes
18:15	[23] Status and Outlook of the Plasmawindow for FAIR	BOHLENDER, Bernhard F.
18:20	[24] Pinch plasmas as ion stripper - new way to higher intensity	Mr CISTAKOV, Konstantin
18:25	[25] Fast and symplectic tracking with space charge	Prof. BOINE-FRANKENHEIM, Oliver

18:30	[26] Advanced Landau Damping for Synchrotrons and Colliders	Prof. BOINE-FRANKENHEIM, Oliver
18:35	[27] Simulations and Optimization of the slow extraction	Prof. BOINE-FRANKENHEIM, Oliver
18:40	[28] Wakefields of short electron bunches in corrugated and lossy structures	Dr GJONAJ, Erion
18:45	[29] Computation of coherent synchrotron radiation and its impact on beam quality	Dr GJONAJ, Erion