

HBS-Workshop 2024

Donnerstag, 12. September 2024

Session: Accelerator, Chair person: O. Felden (13:00 - 14:45)

time	[id] title	presenter
13:00	[1] Opening remarks: P. Zakalek JCNS-2	
13:10	[2] HBS Accelerator H. Podlech, IPA Universität Frankfurt	
13:25	[3] Accelerator Status at ESS BILBAO I. Bustinduy, ESS BILBAO	
13:40	[4] Proton-Sources O. Meusel IAP Universität Frankfurt	
13:55	[5] Technology Development: Additive Manufacturing for High Duty Factor Cavities J. Storch, IAP Universität Frankfurt	
14:10	[6] Beam acceleration at the first HELIAC-cryomodule W. Barth, GSI	
14:25	Discussion	

Session: Target, Chair person: J. Baggemann (14:45 - 15:30)

time	[id] title	presenter
14:45	[7] Introduction to the Target Assembly for Radionuclide Production at a High-Current Accelerator-Based Neutron Source (Hi-CANS) T. El-Kordy, ZEA-1	
15:00	[8] Target assembly optimization strategies for the production of Mo-99, D. Shabani, JCNS-HBS	
15:15	Discussion	

Session: Moderators, Chair person: U. Rücker (16:00 - 17:15)

time	[id] title	presenter
16:00	[9] Star-Like Moderator for HBS J. Chen, JCNS-HBS	
16:15	[10] Comparison Simulations & Experiment, N. Schmidt, JCNS-HBS	
16:30	[11] Simulations with OpenMC of a low dimensional cold moderator for the ICONE project, R. Wagner, CEA LLB	
16:45	[12] Development of a very cold moderator, D. Maharaj, JCNS-HBS	
17:00	Discussion	

Session: Instrumentation Chair person: J.Voigt (17:15 - 19:00)

time	[id] title	presenter
17:15	[13] Instrumentation for HBS-I, K. Lieutenant, JCNS-HBS	
17:30	[14] SANS Instrument for HBS-Demonstrator, T. Bosserhoff, JCNS-HBS	
17:45	[15] Instrumentation at ARGITU, F. Villacorta, ESS-Bilbao	

18:00	Discussion	
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Freitag, 13. September 2024

Session: CANS & HiCans Projects, Chair person: P. Zakalek (09:00 - 10:00)

time	[id] title	presenter
09:00	[16] ARGITU Project update, M. Perez, ESS Bilbao	
09:20	[17] Neutron source based on tandem accelerator at HZDR, S. Akhmadaliev, HZDR	
09:40	[18] Update of ICONNE project, F. Ott, CEA LLB	

Session: CANS & HiCANS Projects, Chair person: T. Gutberlet (10:30 - 11:30)

time	[id] title	presenter
10:30	[19] Status update HBS project, P. Zakalek, JCMS-HBS	
10:50	[20] Recent progress and issues at the LVB project, F. Mezei, Mirrotron	
11:10	[21] The FRANZ project, H. Podlech, IAP Universität Frankfurt	

Session: Discussion & Networking activities (11:30 - 12:05)

time	[id] title	presenter
12:00	[22] Closing remarks: P. Zakalek	