

International Collaboration on Advanced Neutron Sources

Monday, 30 October 2023

Target and Moderator - V6, the 4th floor (10:50 - 12:30)

-Conveners: Wen Yin

time	[id] title	presenter
10:50	[66] Outline plans for target stations at the ISIS-II facility (Keynote)	GALLIMORE, Stephen
11:20	[119] The HighNESS Project at the European Spallation Source (Invited)	SANTORO, Valentina
11:45	[118] The ESS helium cooled rotating target. Final design stages, manufacturing process and FAT test (Invited)	SORDO BALBÍN, Fernando
12:10	[98] High-brilliance and high-flux cold neutron source based on high-aspect ratio rectangular parahydrogen moderators.	IOFFE, Alexander

Target and Moderator - V6, the 4th floor (13:30 - 14:55)

-Conveners: Stephen Gallimore

time	[id] title	presenter
13:30	[91] Behavior of proton beam window materials of high power spallation targets (Invited)	DAI, Yong
13:55	[101] Developments in Target Manufacture Procedures	FENEMORE, Grace
14:15	[116] ISIS Target Station 2 Horn Moderator	RUSSELL, Henry
14:35	[189] Characterizations of the tantalum clad tungsten blocks prepared by hot isostatic pressure (HIP) diffusion welding	魏少红, Shaohong

Target and Moderator - V6, the 4th floor (16:30 - 17:10)

-Conveners: Alexander Ioffe

time	[id] title	presenter
16:30	[123] Simulated and Measured Performance of ISIS TS1 Project Target	WILCOX, Dan
16:50	[219] Current status and CSNS-II progress of CSNS remote handling system	LI, Zhiduo

Wednesday, 1 November 2023

Target and Moderator - V6, the 4th floor (09:00 - 10:35)

-Conveners: Henry Russell

time	[id] title	presenter
09:00	[200] The Operation Status and upgrade of CSNS Target Station (Keynote)	YIN, Wen
09:25	[124] Initial Target Concepts for ISIS-II (Invited)	WILCOX, Dan
09:50	[188] Manufacturing of the ESS Monolith Vessel: Lower and medium Vessel, Neutron port weldings, Connection Ring and head of the vessel (Invited)	SORDO BALBÍN, Fernando
10:15	[69] A new method to find out the optimal neutron moderator size based on neutron scattering instrument parameters	KONIK, Petr

Target and Moderator - V6, the 4th floor (13:30 - 15:05)

-Conveners: Makoto Teshigawara

time	[id] title	presenter
13:30	[125] The SINQ Solid State Target: Lessons learned from a Recent Target Failure and the Experience Gained from an Improved Target Design (Keynote)	BLAU, Bertrand
13:55	[68] Summary of lessons learned from the TS1 project implementation (Invited)	GALLIMORE, Stephen
14:20	[182] Development of Nano-sized graphene material for neutron intensity enhancement below cold neutrons (Invited)	TESHIGAWARA, Makoto
14:45	[197] Experimental measurement of neutronic performance at neutron beam line in CSNS	WANG, Songlin