

Monday 16 October 2023 14:00-17:00				
Session 1: Instrumentation				
Chair: Ferenc Mezei				
Time	Title	Presenter	Time limit	Affiliation
14:00	An Instrumentation Suite for HBS	Jörg Voigt KEYNOTE	30m + 5m discussion	JCNS
14:35	Status and imaging examples of the compact electron accelerator-driven neutron facility AISTANS	Koichi Kino INVITED	20m + 5m discussion	AIST
15:00	Improvements of fast neutron tomography based on compact accelerator of D-T neutron source	Sheng Wang	15m + 5m discussion	INPC CAEP
16:00	Nested mirror optics – the next generation of neutron delivery systems?	Oliver Zimmer INVITED	20m + 5m discussion	ILL
16:25	Update of Magnetic Optics for Neutron Beams	Yoshihisa Iwashita	15m + 5m discussion	Kyoto Univ.
16:45	Demonstration of non-destructive, isotope-sensitive material characterization using a laser-based neutron source	Stefan Scheuren	15m + 5m discussion	Darmstadt Techn. Univ.
Tuesday 17 October 2023 9:00-12:45				
Session 2: Applications				
Chair: Dong Won Lee				
Time	Title	Presenter	Time limit	Affiliation
9:00	RIKEN Accelerator-driven compact neutron sources, RANS, and their applications	Yoshie Otake KEYNOTE	30m + 5m discussion	RIKEN
9:35	CANS and industrial applications	Alain Menelle INVITED	20m + 5m discussion	CEA
10:00	Possibility of evaluating the cosmic proton environment for CANS using clarifying the relationship between neutron- and proton-induced SEU cross Sessions	Ryu Kiuchi	15m + 5m discussion	NTT
10:20	Development and applications of compact deuterium-deuterium neutron generator at INPC, CAEP	Ke Jianlin	15m + 5m discussion	INPC CAEP
11:15	Boron neutron capture therapy using LINAC-driven epithermal neutron beam in Korea	Young-soon Bae INVITED	20m + 5m discussion	DawonMedax
11:40	Neutron beam performance of iBNCT001, a linac-based neutron source for neutron capture therapy in Tsukuba project	Hiroaki Kumada	15m + 5m discussion	Tsukuba Univ.
12:00	Development of a Neutron Capture Therapy Compact Spectrometer	Ettore Mafucci	15m + 5m discussion	Torino Univ.
12:20	Determination of effective temperatures through affordable concurrent techniques in CANS	Javier Dawidowski	15m + 5m discussion	CNEA
Tuesday 17 October 2023 14:00-17:00				
Session 3: Facilities/Projects I.				
Chair: Xuewu Wang				
Time	Title	Presenter	Time limit	Affiliation
14:00	A Quantitative Description of Supply and Demand Relationship of Neutron Beam Use - Numeracy for Applications of Neutrons	Hirohiko M. Shimizu KEYNOTE	30m + 5m discussion	Nagoya Univ.
14:35	The European Low Energy accelerator-based Neutron facilities Association (ELENA) – Current Status and Perspectives	Mario Perez	15m + 5m discussion	ESS Bilbao
14:55	Neutron Science Facility of the IAEA	Natko Skukan	15m + 5m discussion	IAEA
16:00	Thermal moderator-reflector assembly for HBS	Ulrich Rücker	15m + 5m discussion	JCNS
16:20	Development status and application plan of 30 MeV cyclotron based neutron source in Korea	Dong Won Lee	15m + 5m discussion	KAERI
16:40	Development of HINEG Series High Intensity Steady Neutron Generators	Wen Wang (subst. for Chao Liu)	15m + 5m discussion	Inst. of Neutron Sci.
Wednesday 18 October 2023 9:00-12:45				
Session 4: Technologies				
Chair: Frédéric Ott				
Time	Title	Presenter	Time limit	Affiliation
9:00	RFQ linear accelerators for compact neutron production system	Masahiro Okamura KEYNOTE	30m + 5m discussion	BNL
9:35	The development of the Compact Accelerator-driven Neutron Source at CIAE	Luyu Ji	15m + 5m discussion	CIAE
9:55	The optimization of target station for bimodal neutron and photon imaging	Yuxuan Lai	15m + 5m discussion	Tsinghua Univ.
10:15	Coupling neutron moderators and optics	Petr Konik	15m + 5m discussion	HUN-REN CER
11:15	Moderator developments in HighNESS and feedback to compact sources design	Luca Zanini INVITED	20m + 5m discussion	ESS
11:40	Compact ultracold neutron source for low-energy accelerator-driven neutron sources	Yun Chang Shin	15m + 5m discussion	Inst. Basic Sci.
12:00	Exploring a new application of RANS cold neutrons for increasing cold neutrons with flower shaped graphene reflector	Kazuo Muramatsu (subst. Y. Ikeda)	15m + 5m discussion	RIKEN
12:20	Cold moderator developments for the new generation neutron sources	László Rosta	15m + 5m discussion	HUN-REN CER

Wednesday 18 October 2023 14:00-17:00
Session 5: Facilities/Projects II.
Chair: Javier Dawidowski

Time	Title	Presenter	Time limit	Affiliation
14:00	Recent achievements of the Hokkaido University Neutron Source (HUNS) facility with cold/thermal/epithermal/fast neutrons	Hirota Sato KEYNOTE	30m + 5m discussion	Hokkaido Univ.
14:35	CANS Projects in China	Xuewu Wang INVITED	20m + 5m discussion	Tsinghua Univ.
15:00	JULIC Neutron Platform, a testbed for HBS	Paul Zakalek	15m + 5m discussion	JCNS
16:00	The ICONNE project: towards a new neutron source in France for materials science and industry.	Frédéric Ott	15m + 5m discussion	CEA
16:20	The neutron source target proposal for the ARGITU project	Luis A. Fernandez	15m + 5m discussion	ESS Bilbao
16:40	Recent progress of Nuclear Data Production System at RAON	Cheolmin Ham	15m + 5m discussion	IRIS

Thursday 19 October 2023 9:00-10:45
Session 6: Nuclear Physics
Chair: Rolando Granada

Time	Title	Presenter	Time limit	Affiliation
9:00	Advances in nuclear data development for moderator and reflector design at the European Spallation Source	Douglas Di Julio (KEYNOTE)	30m + 5m discussion	ESS
9:35	On the comparison of the experimental neutron cold spectra obtained for various para- and ortho-hydrogen ratios against Monte Carlo simulations with different codes and nuclear data libraries	Norberto Schmidt	15m + 5m discussion	JCNS
9:55	New Scattering kernels for Monte-Carlo Neutron Transport in Superfluid Helium	Douglas Di Julio	15 m + 5 m discussion	ESS
10:15	Neutron researches using cyclotron accelerator at INER	Sheng-Long Jeng	15 m + 5 m discussion	INER