

UCANS9 Timetable 2nd day (Tuesday, March 29th, 2022)

(Oral) <https://zoom.us/j/2336507610> (Poster) <https://zoom.us/j/95143724792>

	Japan JST (UTC+9)	Europe CET (UCT+1)	America EDT (UCT-4)		Title	Speaker	Affiliation
I-5	17:00 17:20	9:00 9:20	4:00 4:20		(INVITED) System-level soft error testing technology using CANS	Hidenori Iwashita	NTT
O-14	17:20 17:35	9:20 9:35	4:20 4:35		Current development status of iBNCT001, the demonstration device of a linac-based neutron source for BNCT	Hiroaki Kumada	University of Tsukuba
O-15	17:35 17:50	9:35 9:50	4:35 4:50	Session D CANS Application	A Preliminary Neutron Imaging Study of Moisture Transport in Cement-Based Materials on PKUNIFTY (A Compact Accelerator Based Neutron Imaging Facility at Peking University)	Dongyang Wang	Peking University
O-16	17:50 18:05	9:50 10:05	4:50 5:05	(Chair: <i>Takashi Kamiyama</i>)	Collaborative advances in bulk texture measurement techniques based on the JAEA large neutron sources and the RIKEN compact neutron source	Pingguang Xu	Japan Atomic Energy Agency
O-17	18:05 18:20	10:05 10:20	5:05 5:20		Effects of neutron radiation as cosmic radiation on food resources	Machiko Hatsuda	Faculty of Health Science, Juntendo University
O-18	18:20 18:35	10:20 10:35	5:20 5:35		The neutron activation analysis of mineral ores by an electron linear accelerator-based photoneutron source	Tongyuan Cui	Department of Engineering Physics, Tsinghua University
	18:35 18:55	10:35 10:55	5:35 5:55	Break (20min)			
K-2	18:55 19:25	10:55 11:25	5:55 6:25	Keynote lecture2 (Chair: <i>Hiroaki Kumada</i>)	Accelerator based epithermal neutron source for clinical boron neutron capture therapy	Naonori Hu	Kansai BNCT Medical Center, Kyoto University Institute for Integrated Radiation and Nuclear Science

I-6	19:25 19:45	11:25 11:45	6:25 6:45	<p>Session E <i>Instrumentation and measurement 2</i></p> <p>(Chair: <i>Xuewu Wang</i>)</p>	(<i>INVITED</i>) Neutron scattering and radiography at the IPHI – Neutron facility	Frédéric Ott	Laboratoire Léon Brillouin, CEA, CNRS, Univ. Paris-Saclay
O-19	19:45 20:00	11:45 12:00	6:45 7:00		The realization of neutron and X-ray bimodal imaging driven by a single electron linear accelerator	Yangyi Yu	Tsinghua University
O-20	20:00 20:15	12:00 12:15	7:00 7:15		Instrument suite for DARIA compact neutron source	Konstantin Pavlov	SPbSU
I-7	20:15 20:35	12:15 12:35	7:15 7:35		(<i>INVITED</i>) Small-angle Neutron Scattering Available in Tokyo Area. Time-of-Flight Instrument ib-SAS at Compact Spallation Neutron Source RANS.	Satoshi Koizumi	Ibaraki Univ
O-21	20:35 20:50	12:35 12:50	7:35 7:50		Development of the Instrument Suite of the HBS	Klaus Lieutenant	Forschungszentrum Juelich
O-22	20:50 21:05	12:50 13:05	7:50 8:05		The Detection of Neutron Spectrum Ranging from 0.1 MeV to 100MeV with a CLYC Scintillator	Weixin Zhou	Department of Engineering Physics, Tsinghua University
	21:05 21:20	13:05 13:20	8:05 8:20		Break (15min)		
	21:20 22:50	13:20 14:50	8:20 9:50	Poster session 1 <i>CANS facility developments,</i> <i>Moderator developments,</i> <i>Target developments</i>	<p>Note: A meeting of the International Committee members will be scheduled after the poster session. The address will be announced separately. From 23:00 Japan time</p>		

P-1	RIKEN accelerator-driven transportable neutron source prototype RANS-II	Tomohiro Kobayashi	RIKEN
P-2	High brilliance neutron source optimized for very high pulsed magnetic field experiments	Mina Akhyani	EPFL
P-3	Operation of RANS	Atsushi Taketani	RIKEN
P-4	Conceptual Shielding Design of a Transportable Accelerator-driven Neutron Source	Quanxu Jiang	School of Nuclear Science and Technology, Xi'an Jiaotong University
P-5	Experimental verifications for a multi-objective shielding design method on RANS	Baolong Ma	Xi'an Jiaotong University
P-6	Improvement of mesitylene cold moderator at KUANS	Seiji Tasaki	Kyoto University
P-7	Influence of the location and shape of the para-hydrogen in the TMR on the brightness of the source for CNS DARIA	Nikita Kovalenko	NRC "Kurchatov Institute" - PNPI
P-8	Development of Tantalum-based target system for the production of atmospheric-like neutrons driven by the 100-MeV proton accelerator at KOMAC	Nam-Woo KANG	Korea Atomic Energy Research Institute
P-9	A design for the BNCT target system with the compact neutron source	Shaozhang Qi	Department of Engineering Physics, Tsinghua University

P-10	Monte Carlo simulation design of BNCT beam shaping assembly for accelerator-based neutron source	Dominik Dziura	University of Windsor
P-11	Model calculation on angular distributions of neutron for the proton induced reaction on the ${}^7\text{Li}$	Jiaqi Hu	Xi'an Jiaotong university
P-12	Thermal simulation study of different beam spot for a rotating lithium target	Yaocheng Hu	Department of Nuclear Science and Technology, School of Energy and Power Engineering, Xi'an Jiaotong University
P-13	Research of target with micro-channel structure for transportable accelerator-driven neutron source	Xiaobo Li	Xi'an Jiaotong University
P-14	Water Corrosion of Tungsten Target for Accelerator-driven Neutron Source	Yupeng Xie	School of Nuclear Science and Technology, Xi'an Jiaotong University
P-15	Optimization numerical simulation of the target for DARIA CNS.	Aleksei I. Klimov	Saint Petersburg State University
P-22 <i>(Moved from Mar. 30)</i>	Optimization of Two Mesitylene Cold Sources for the SANS and Neutron Imaging Instruments at PC CANS	Dalini D. Maharaj	University of Windsor

23:00

15:00

10:00

International Committee Meeting