

UCANS9 Timetable 3rd day (Wednesday, March 30th, 2022)

(Oral) <https://zoom.us/j/2336507610> (Poster) <https://zoom.us/j/94961414390>

	Japan JST (UTC+9)	Europe CET (UCT+1)	America EDT (UCT-4)		Title	Speaker	Affiliation
I-8	17:00 17:20	9:00 9:20	4:00 4:20		(INVITED) Tests of a 30 kW Beryllium target at IPHI	Jerome SCHWINDLING	CEA/IRFU, Univ. Paris-Saclay
O-23	17:20 17:35	9:20 9:35	4:20 4:35		Optimization of a target with microchannel cooling using advanced simulation technologies	Qi Ding	Jülich Centre for Neutron Science JCNS-HBS, Forschungszentrum Jülich GmbH
O-24	17:35 17:50	9:35 9:50	4:35 4:50		Verification process of the system design of an accelerator-based thermal neutron source at SARAF through Monte-Carlo simulations	Tsviki Y. Hirsh	Soreq NRC
Session F							
O-25	17:50 18:05	9:50 10:05	4:50 5:05	Target development 2 (Chair: Paul Zakalek)	Decay heat in ISIS spallation neutron target: FLUKA simulations and measurements	Lina Quintieri	ISIS, STFC, Rutherford Appleton Laboratory
O-26	18:05 18:20	10:05 10:20	5:05 5:20		When and why you change your Neutron Target?	Toshikazu Kurihara	KEK/Univ. of Tsukuba
O-27	18:20 18:35	10:20 10:35	5:20 5:35		Multilayer beryllium target design for DARIA compact neutron source	Anton R. Moroz	Saint Petersburg State University, Petersburg Nuclear Physics Institute named by B.P. Konstantinov of NRC "Kurchatov Institute"
O-28	18:35 18:50	10:35 10:50	5:35 5:50		HBS High Power Density Neutron Target - Design and Experimental Tests	Johannes Baggemann	JCNS-HBS, Forschungszentrum Jülich
	18:50 19:10	10:50 11:10	5:50 6:10	Break (20min)			

K-3	19:10 19:40	11:10 11:40	6:10 6:40	Keynote lecture3 (Chair: <i>Masato Takamura</i>)	How to survive for next two decades? ~ In the case of SANS in Hokkaido University Neutron Source ~	Masato Ohnuma	Hokkaido University
I-9	19:40 20:00	11:40 12:00	6:40 7:00		(<i>INVITED</i>) IAEA activities concerning CANS	Ian Swainson	IAEA
O-29	20:00 20:15	12:00 12:15	7:00 7:15		Neutron performance and its future prospect of the compact electron accelerator-driven neutron facility AISTANS	Koichi Kino	AIST, ISMA
O-30	20:15 20:30	12:15 12:30	7:15 7:30		The Jülich HBS Project for accelerator based neutron sources	Thomas Gutberlet	Forschungszentrum Jülich
O-31	20:30 20:50	12:30 12:50	7:30 7:45	Session G <i>CANS projects and facility development 2</i> (Chair: <i>Christiane Alba-Simionesco</i>)	Development status of Compact Accelerator-driven Neutron Sources in XJTU	Sheng Wang	School of Nuclear Science and Technology, Xian Jiaotong University
I-10	20:50 21:05	12:50 13:05	7:45 8:05		(<i>INVITED</i>) Brining a CANS to Canada: Project Overview	Drew Marquardt	University of Windsor
O-32	21:05 21:20	13:05 13:20	8:05 8:20		Status of Cyclotron Neutron Sources Development in Taiwan	Shiaw-Huei Chen	Institute of Nuclear Energy Research, Atomic Energy Council
O-33	21:20 21:35	13:20 13:35	8:20 8:35		Development of the Pelletron-based Neutron Source at the Nuclear Applications Laboratory, Lund University	R.J.W. Frost	Division of Nuclear Physics, Department of Physics, Lund University
	21:35 21:50	13:35 13:50	8:35 8:50	Break (15min)			

Poster session 2
*CANS applications,
 Accelerator
 developments,
 Instrumentation
 developments*

21:50
23:20

13:50
15:20

8:50
10:20

P-16

Fabrication and RF test of the 500 MHz-RFQ linear accelerator for transportable neutron source RANS-III
 Shota Ikeda

RIKEN

P-17

Development of the accelerator system for a transportable compact neutron source in XJTU
 Haipeng Li

Xi'an Jiaotong University

P-18

Development of proton injector of RFQ for transportable neutron source in XJTU
 Hao Luo

Xi'an Jiaotong University

P-19

Development of a low threshold fast neutron detector using plastic scintillator with MPPC
 T. Hashiguchi

riken

P-20

Development of pulse width identification type PSD system
 Setsuo Sato

High Energy Accelerator Research Organization

P-21

THE POWDER DIFFRACTOMETER MONOPOLY AT THE COMPACT NEUTRON SOURCE DARIA
 Anastasiia Pavlova

Saint Petersburg State University

P-22 (Moved to Mar.29)	Optimization of Two Mesitylene Cold Sources for the SANS and Neutron Imaging Instruments at PC CANS	Dalini D. Maharaj	University of Windsor
P-23	Thermal neutron CT image reconstruction based on the exact solution of the discrete Radon transformation	Takaoki Takanashi	RIKEN
P-24	Neutron detection devices based on InGaP solar cell with boron converter	Yasuki Okuno	KINKEN Tohoku Univ
P-25	Automatic measurement system of neutron dose at RANS experimental hall	Tsubasa Yamano	Rikkyo University
P-26	Evaluation of thin water thickness on a steel plate at RANS	Atsuhiko Taketani	RIKEN
P-27	Estimation of double-differential cross-sections of Be-9(p,xn) reaction for new nuclear data library, JENDL-5	Satoshi Kunieda	JAEA
P-28	Measurement of Internal Stress in Metal using Neutron Diffraction	Ryo Kurihara	Nihon University
P-29	Novel methodological study for neutron diffraction stress measurement using compact accelerator-driven neutron source RANS	Chihiro Iwamoto	RIKEN
P-30	Neutron Scattering Imaging for Defects in Anchorage of Bridge Cable	Kunihiro Fujita	RIKEN