

ITMNR-9 Posters sessions information

First author	TITLE	Tue 18 Panel No	Wed 19 Panel No	Abstr acts book page
Cantini	Identification of the manufacturing process of Sardinian bronze statuary: a research project through neutron techniques	1	1	98
Salvemini	Cultural heritage research on the neutron instrument Dingo at ANSTO	2	N/A	N/A
Son Junyoung	Energy selective neutron imaging study for metal cultural heritage.	3	3	112
Schweickardt	Diagnosis of the conservation status in archaeological objects from Museo de la Patagonia by using imaging complementary techniques	4	4	115
Hink	Development of an intensified neutron camera system for high sensitivity white-beam imaging	5	5	117
Cabello	Epoxy-based 6LiF/ZnS:Ag scintillator screens for neutron imaging	6	6	71
Schillinger	Flexible camera detector box design using 3D printers	7	7	73
Schillinger	A freely distributable professional computed tomography system using NICOS	8	8	72
Bertalot	Evaluation of fluxes, field of view and spatial resolution of ASTOR by MCNP & MCSTAS Monte Carlo simulations	9	N/A	106
Grazzi	A work-horse neutron imaging station at the Laboratorio Energia Nucleare Applicata (LENA) in Pavia (Italy): Instrumental components and applications in the frame of the CHNet-NICHE INFN experiment.	10	10	100
Kurita	Introduction to Neutron Radiography Facilities in JRR-3	11	11	93
Johnson	Neutron Imaging Services at Phoenix's Accelerator Based Imaging Facility	12	12	N/A
Pornroongruengchok	Upgrading Neutron Imaging Facility at TRR-1/M1 Reactor	13	13	82
Tengattini	NeXT 2.0; Upgrading the Neutron and X-Ray Tomograph at ILL	14	14	79
Schmidt	Conceptual design of neutron imaging instruments for the HBS	15	15	118
Skorpenske	Neutron Wavelength Dependent Imaging Capability at the Spallation Neutron Source (SNAP) High Pressure Diffractometer	16	N/A	84
Kaestner	The double crystal monochromator at ICON – design and experiments	17	N/A	96
Trtik	NEUTRA 2.0	18	18	83
Kaestner	An open data set to understand neutron tomography image quality	19	19	92
Venkatakrishnan	Towards Intelligent Hyper-Spectral Neutron Computed Tomography Systems	20	20	74
Nshimirimana	Modelling of Neutron and X-ray radiography system	21	21	119
Garbe	Pydingo, a new GUI software package for simple CT reconstruction	22	22	94
Oikawa	Update of Bragg edge analysis software "GUI-RITS"	23	23	75
Asano	Study on Phase Distribution of Refrigerant Boiling Flows in Mini-Channel Cross-Flow Type Evaporator	24	24	80
Marin	Design of a hydrogen-storage device for evaluating tensions induced by volumetric expansion during hydrogen absorption	25	25	102
Malamud	Bragg edge imaging characterization of multi-material laser powder-bed fusion specimens	26	N/A	78

First author	TITLE	Tue 18 Panel No	Wed 19 Panel No	Abstracts book page
Weick	The INCHAMEL facility a new device for In-situ Neutron Investigations under defined temperatures with applicable mechanical load	27	27	69
Martinez	Diffusion bonding evaluation of a microchannel cooling system using neutron imaging technique	28	N/A	114
Saito	Development of Tracer Particles for thermal hydraulic experiment by Neutron imaging	29	29	110
Mieza	Measurement of hydrogen diffusion in a biphasic Zr alloy	30	30	89
Yetik	Neutron Imaging of Irradiated Zr-based Claddings – Comparison of Results from POLDI, ICON and BOA Beamlines	31	31	104
Ito	Visualization of local two-phase flow structure in a packed bed of spheres	32	32	113
Gomez	Development of in-situ Delayed Hydride Cracking test using in-situ neutron imaging to study the H redistribution in Zr-2.5%Nb	33	N/A	99
Kim	The Neutron Radiography using mixed radiation source	34	34	77
Ohashi	Development of a crystalline microstructure analysis method with machine learning in wavelength-resolved neutron imaging	35	35	85
Suzuki	Development of a ferrite/austenite phase fraction imaging method using neutron double Bragg-edges profile analysis	36	36	86
Soria	Failure characterization by pull-out test on structural inserts in sandwich panels used in the aerospace industry applying neutron imaging	37	N/A	109
Soria	Time evolution of hydrogen diffusion in Zirconium alloys at 300Å°C-400Å°C by in-situ neutron imaging experiments	38	38	90
Lehman	The IAEA e-learning course on Neutron Imaging	39	39	87
Callisaya	Creating new capacities in human resources at UMSS for applications of neutron radiography of the Bolivian nuclear research reactor	40	N/A	120
Kaestner	Understanding processes in the soil using neutron imaging	N/A	17	107
Bevitt	High-throughput neutron tomography using a drillcore rig for rapid and parallelised scanning	N/A	2	105
Tang	Real-time Evaluation of Hyperspectral Neutron Computed Tomography based on Machine Learning Algorithms at the Spallation Neutron Source	N/A	16	91
Chang	NTexture: simulation of wavelength-resolved neutron transmission experiments of textures polycrystalline materials	N/A	26	101
Soria	Study of Er diffusion in Zr-20%Nb and pure Nb by neutron imaging experiments	N/A	37	88
Zhang	Recent advances at the cold neutron imaging instrument at High Flux Isotope Reactor	N/A	9	97
Wu	Progress of cold neutron imaging facility at China Advanced Research Reactor	N/A	28	111
Callisaya	Design, manufacture and application of high contrast devices to measure neutron imaging resolution	N/A	40	121

Note: Some posters are presented only one day because the actual presenter has more than one poster to be attended.