

Workshop on the Neutron Scattering Technology and Multi-Disciplinary Research

Monday, 13 May 2024

General Reports: Session 1 (09:20 - 11:00)

time	[id] title	presenter
09:20	[7] Review report on scientific activities and infrastructure of FLNP	LYCHAGIN, Egor
09:45	[8] CSNS overview	TIANJIAO, Liang
10:10	[9] Nuclear physics investigations at FLNP	KOPACH, Yuri
10:35	[10] Nuclear data measurement at CSNS	FAN, Ruirui

General Reports: Session 2 (11:25 - 13:50)

time	[id] title	presenter
11:25	[11] Fourier and Real Time Diffractometry at the IBR-2 and Science	SUMNIKOV, Sergey
11:50	[42] High Pressure Diffraction and Imaging at the IBR-2 and Science	KICHANOV, Sergey
12:15	[12] Diffraction Instruments at CSNS and Science	YIN, Wen
12:40	[13] Instruments for Industry Application at CSNS	TIANJIAO, Liang
13:05	[14] CSNS II instruments	TIANJIAO, Liang
13:30	[15] Small Angle Neutron Scattering at the IBR-2 and Science	IVANKOV, Oleksandr

General Reports: Session 3 (15:10 - 16:50)

time	[id] title	presenter
15:10	[16] Reflectometry at the IBR-2 and Science	AVDEEV, Mikhail
15:35	[17] Large Scale Instruments at CSNS and Science	KE, Yubin
16:00	[18] Inelastic spectrometer at CSNS	WEN, Yin
16:25	[19] Inelastic neutron spectrometer	CHUDOBA, Dorota

General Reports: Session 4 (17:10 - 17:55)

time	[id] title	presenter
17:10	[20] Sample environment and polarizer	KANG, Le
17:35	[21] Cryogenic sample environment systems at instruments at the IBR-2 reactor	CHERNIKOV, Alexander

Tuesday, 14 May 2024

General Reports: Session 5 (09:30 - 11:05)

time	[id] title	presenter
09:30	[22] Development of neutron detectors with boron converter in FLNP	BODNARCHUK, Viktor
09:55	[23] Development and application of He-3 and scintillation neutron detectors at instruments at the IBR-2 reactor	MILKOV, Vasil
10:20	[24] Data acquisition system at instruments at the IBR-2 reactor 1	SHVETSOV, Vasili
10:45	[43] Data acquisition system at instruments at the IBR-2 reactor 2	KAZLIAKOUSKAYA, Anastasiya

General Reports: Session 6 (11:30 - 14:00)

time	[id] title	presenter
11:30	[25] Software for data acquisition and instrument control Sonix+	KIRILOV, Andrey
11:55	[29] Detector Development at CSNS	LIU, Hongbin
12:20	[44] Electronics and DAQ at CSNS	LIU, Hongbin
12:45	[30] Data analysis software and experimental control	ZHANG, Junrong
13:10	[32] Development of cold neutron moderators at FLNP	KULIKOV, Sergey
13:35	[33] Technological systems of pelletized cold neutron moderators based on hydrocarbons	BULAVIN, Maxim

Wednesday, 15 May 2024

General Reports: Session 7 (09:00 - 10:40)

time	[id] title	presenter
09:00	[34] Target-moderator-reflector experience and R&D at CSNS	YIN, Wen
09:25	[35] UCN source development at CSNS	LIANG, Tianjiao
09:50	[36] UCN source with pulsed accumulation of neutrons in a trap	KULIN, German
10:15	[37] Some problems of long-wave neutrons optics	FRANK, Alexander

General Reports: Session 8 (11:00 - 11:45)

time	[id] title	presenter
11:00	[38] Neutron optics	KANG, Le
11:25	[39] Simulation of neutron instruments	SADILOV, Valentin