

14th International Conference on Nucleus-Nucleus Collisions (NN2024)

Monday, August 19, 2024

Applications, Facilities & Instrumentation: AFI 1 - Garibaldi A (2:40 PM - 4:10 PM)

-Conveners: Cornelia Hoehr

time	[id] title	presenter
2:40 PM	[156] The CBM Time-of-Flight Project	DEPPNER, Ingo
3:05 PM	[178] Status of the GRETA Project	Dr FALLON, Paul
3:20 PM	[164] The Upgrade of the Facility EXOTIC	MAZZOCCO, Marco
3:35 PM	[146] Inside Nuclear Properties with g-factors	Dr LOZEVA, Radomira
3:50 PM	[226] Earthquake Precursor Measurements Employing a Network of Radon Sensors	GERL, Juergen

Applications, Facilities & Instrumentation: AFI 2 - Garibaldi A (4:40 PM - 6:10 PM)

-Conveners: Robert Shearman

time	[id] title	presenter
4:40 PM	[220] Nuclear Data for Fission and Fusion Reactors	Prof. BERNSTEIN, Lee
5:05 PM	[338] Nuclear Structure and Reaction Studies at the FSU John D. Fox Laboratory	SPIEKER, Mark
5:30 PM	[171] TACTIC: a Novel Detector for Nuclear Astrophysics	CHAKRABORTY, Soham
5:45 PM	[139] Recent Results and Prospects of the SCRIT Electron Scattering Facility	TSUKADA, Kyo

Wednesday, August 21, 2024

Applications, Facilities & Instrumentation: AFI 3 - Harmony B (8:30 AM - 10:30 AM)

-Conveners: Lee Bernstein

time	[id] title	presenter
8:30 AM	[341] Fusion Ignition and Nuclear Physics on the National Ignition Facility (NIF)	MOORE, Alastair
8:55 AM	[280] Using Laser Accelerated Proton Beams to Explore Radiobiological Effects in the Ultra-High Instantaneous Dose Rate Regime	NAKAMURA, Kei
9:20 AM	[77] Nuclear Isomer Production via Laser-Driven Bremsstrahlung Irradiation for Astrophysical Applications at ELI-NP-1 PW	Dr GIUBEGA, Georgiana
9:35 AM	[103] Demonstration of Nuclear Gamma-Ray Polarimetry Based on a Multi-Layer CdTe Compton Camera	GO, Shintaro
9:50 AM	[254] Update on the PYXIS Neutron Detector for the MoNA Collaboration	HE, Jiangshan

Thursday, August 22, 2024

Applications, Facilities & Instrumentation: AFI 4 - Wedgemount (2:40 PM - 4:10 PM)

-Conveners: Alex Hands

time	[id] title	presenter
2:40 PM	[72] Quasi-Continuum Nuclear Data	Prof. WIEDEKING, Mathis
3:05 PM	[276] Neutron Capture Measurements at UMass Lowell Research Reactor	JANDEL, Marian
3:20 PM	[184] Microcalorimeters for Heavy Ions – a Tool to Investigate Multi-Nucleon Transfer Reactions	Prof. KRAFT-BERMUTH, Saskia
3:35 PM	[203] Development of the Detector Array for Photons, Protons, and Exotic Residues	MCINTOSH, Alan B.

Applications, Facilities & Instrumentation: AFI 5 - Harmony B (4:40 PM - 6:10 PM)

-Conveners: Mathis Wiedeking

time	[id] title	presenter
4:40 PM	[266] An Overview of Nuclear Physics Programmes and Applications at the UK National Physical Laboratory	Dr SHEARMAN, Robert
5:05 PM	[352] Liquid Fuel Fast Reactors and the Future of Nuclear Power	HUSSEIN, Ahmed
5:30 PM	[355] General Fusion: Targeting Transformation of the World's Energy Supply with the Most Practical Path to Commercial Fusion Energy	Mr HILDEBRAND, Myles
5:45 PM	[198] First Year of Physics with NEEDLE Setup	JAWORSKI, Grzegorz

Friday, August 23, 2024

Applications, Facilities & Instrumentation: AFI 6 - Ballroom B (1:30 PM - 3:00 PM)

-Conveners: Juliette Mammei

time	[id] title	presenter
1:30 PM	[85] Analyzing Superheavy Element Nuclides with a Multi-Reflection Time-of-Flight Mass Spectrograph	SCHURY, Peter
1:55 PM	[114] Radiation Effects on Spacecraft and Aircraft (and How to Avoid Them)	HANDS, Alex
2:20 PM	[260] Testing a New Technology for Producing High Purity Germanium Segmented Detectors	Dr NAPOLI, Daniel R.
2:35 PM	[231] Enhancing Heavy Ion Accelerator Capabilities in Australia for Research and Industry	Prof. DASGUPTA, M.