

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

Monday, 19 August 2024

Applications, Facilities & Instrumentation: AFI 1 - Garibaldi A (14:40 - 16:10)

-Conveners: Cornelia Hoehr

time	[id] title	presenter
14:40	[156] The CBM Time-of-Flight Project	DEPPNER, Ingo
15:05	[178] Status of the GRETA Project	Dr FALLON, Paul
15:20	[164] The Upgrade of the Facility EXOTIC	MAZZOCCO, Marco
15:35	[146] Inside Nuclear Properties with g-factors	Dr LOZEVA, Radomira
15:50	[226] Earthquake Precursor Measurements Employing a Network of Radon Sensors	GERL, Juergen

Applications, Facilities & Instrumentation: AFI 2 - Garibaldi A (16:40 - 18:10)

-Conveners: Robert Shearman

time	[id] title	presenter
16:40	[220] Nuclear Data for Fission and Fusion Reactors	Prof. BERNSTEIN, Lee
17:05	[338] Nuclear Structure and Reaction Studies at the FSU John D. Fox Laboratory	SPIEKER, Mark
17:30	[171] TACTIC: a Novel Detector for Nuclear Astrophysics	CHAKRABORTY, Soham
17:45	[139] Recent Results and Prospects of the SCRIT Electron Scattering Facility	TSUKADA, Kyo

Wednesday, 21 August 2024

Applications, Facilities & Instrumentation: AFI 3 - Harmony B (08:30 - 10:30)

-Conveners: Lee Bernstein

time	[id] title	presenter
08:30	[341] Fusion Ignition and Nuclear Physics on the National Ignition Facility (NIF)	MOORE, Alastair
08:55	[280] Using Laser Accelerated Proton Beams to Explore Radiobiological Effects in the Ultra-High Instantaneous Dose Rate Regime	NAKAMURA, Kei
09:20	[77] Nuclear Isomer Production via Laser-Driven Bremsstrahlung Irradiation for Astrophysical Applications at ELI-NP-1 PW	Dr GIUBEGA, Georgiana
09:35	[103] Demonstration of Nuclear Gamma-Ray Polarimetry Based on a Multi-Layer CdTe Compton Camera	GO, Shintaro
09:50	[254] Update on the PYXIS Neutron Detector for the MoNA Collaboration	HE, Jiangshan

Thursday, 22 August 2024

Applications, Facilities & Instrumentation: AFI 4 - Wedgemount (14:40 - 16:10)

-Conveners: Alex Hands

time	[id] title	presenter
14:40	[72] Quasi-Continuum Nuclear Data	Prof. WIEDEKING, Mathis
15:05	[276] Neutron Capture Measurements at UMass Lowell Research Reactor	JANDEL, Marian
15:20	[184] Microcalorimeters for Heavy Ions – a Tool to Investigate Multi-Nucleon Transfer Reactions	Prof. KRAFT-BERMUTH, Saskia
15:35	[203] Development of the Detector Array for Photons, Protons, and Exotic Residues	MCINTOSH, Alan B.

Applications, Facilities & Instrumentation: AFI 5 - Harmony B (16:40 - 18:10)

-Conveners: Mathis Wiedeking

time	[id] title	presenter
16:40	[266] An Overview of Nuclear Physics Programmes and Applications at the UK National Physical Laboratory	Dr SHEARMAN, Robert
17:05	[352] Liquid Fuel Fast Reactors and the Future of Nuclear Power	HUSSEIN, Ahmed
17:30	[355] General Fusion: Targeting Transformation of the World's Energy Supply with the Most Practical Path to Commercial Fusion Energy	Mr HILDEBRAND, Myles
17:45	[198] First Year of Physics with NEEDLE Setup	JAWORSKI, Grzegorz

Friday, 23 August 2024

Applications, Facilities & Instrumentation: AFI 6 - Ballroom B (13:30 - 15:00)

-Conveners: Juliette Mammei

time	[id] title	presenter
13:30	[85] Analyzing Superheavy Element Nuclides with a Multi-Reflection Time-of-Flight Mass Spectrograph	SCHURY, Peter
13:55	[114] Radiation Effects on Spacecraft and Aircraft (and How to Avoid Them)	HANDS, Alex
14:20	[260] Testing a New Technology for Producing High Purity Germanium Segmented Detectors	Dr NAPOLI, Daniel R.
14:35	[231] Enhancing Heavy Ion Accelerator Capabilities in Australia for Research and Industry	Prof. DASGUPTA, M.