



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

## Wednesday, 21 August 2024

### Fusion and Fission: FF 1 - Wedgemount (08:30 - 10:30)

-Conveners: David Hinde

time	[id] title	presenter
08:30	[53] Shell Effects in Quasi-Fission in Reactions Forming Actinide and Superheavy Compound Nuclei	SIMENEL, Cedric
08:55	[16] Reviving Nuclear Fusion Reaction Cycles in Solido	FORTUNATO, Lorenzo
09:10	[26] Fusion Dynamics Far Below the Barrier for $^{12}\text{C} + ^{28}\text{Si}$	BRUGNARA, Daniele
09:25	[134] Dependence of $\alpha$ -Clustering on Neutron-Excess Associated with Fusion of Mid-Mass Nuclei	KUMAR, Rohit
09:40	[110] Role of Dissipation on the Quasielastic Barrier Distributions of the $^{20}\text{Ne}+^{92,94,95}\text{Mo}$ Systems	COLUCCI, Giulia

# Thursday, 22 August 2024

## **Fusion and Fission: FF 2 - Harmony B (14:40 - 16:10)**

**-Conveners: Kaitlin Cook**

time	[id] title	presenter
14:40	[158] Probing Optimal Energy for Synthesis of Element 119 from $^{51}\text{V}+^{248}\text{Cm}$ Reaction and Fusion Reaction Studies for Producing New Elements and Isotopes	SAKAGUCHI, Satoshi
15:05	[15] Investigating the Systematics of Shell-Driven Fission Below the Actinides	BUETE, Jacob
15:20	[86] Scission Deformation of $^{120}\text{Cd}/^{132}\text{Sn}$ Neutronless Fragmentation in $^{252}\text{Cf}(sf)$	Dr FRANCHETEAU, Alexis
15:35	[163] Fission Studies Using Quasi-Free Scattering Reactions in Inverse Kinematics	BENLLIURE, Jose
15:50	[224] The Role of Slow Quasifission in the Suppression of Fusion at Above-Barrier Energies	BEZZINA, Lauren