

# NUSYM 2024, XIIth International Symposium on Nuclear Symmetry Energy



**lundi 9 septembre 2024 - samedi 14 septembre 2024**

**Caen**

## **Programme Scientifique**

**Nuclear structure, short-range correlations, and clustering from direct reactions**

**Constraints from heavy-ion collisions at intermediate energies**

**Constraints from heavy-ion collisions at relativistic energies**

**Investigations at existing and future accelerator facilities and detectors**

**Transport model simulations of heavy-ion reactions**

**Microscopic calculations of neutron-rich dense nuclear matter**

**Astrophysical multi-messenger observations**

**Theory of supernovae and neutron stars, neutron star mergers**

**Combined analysis of nuclear and astrophysics information, Bayesian approach, and machine**

# learning