

# Low Energy Nuclear Dynamics: **FUSION27**

International Conference on Heavy-Ion Collisions at Near-Barrier Energies

**24 - 28 May 2027**

**Bordeaux | France**



## **Topics**

- Fusion dynamics
- Superheavy elements: Synthesis methods, structure and chemistry
- Fission and quasi-fission dynamics
- Transfer and deep-inelastic collisions
- Near-barrier collisions with weakly bound and unstable nuclei
- Tunnelling and deep sub-barrier fusion
- Nuclear reactions relevant to astrophysics
- Facilities and instrumentation for reactions around the barrier
- Ground state and decay properties of atomic nuclei



<https://indico.in2p3.fr/event/34700/>

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