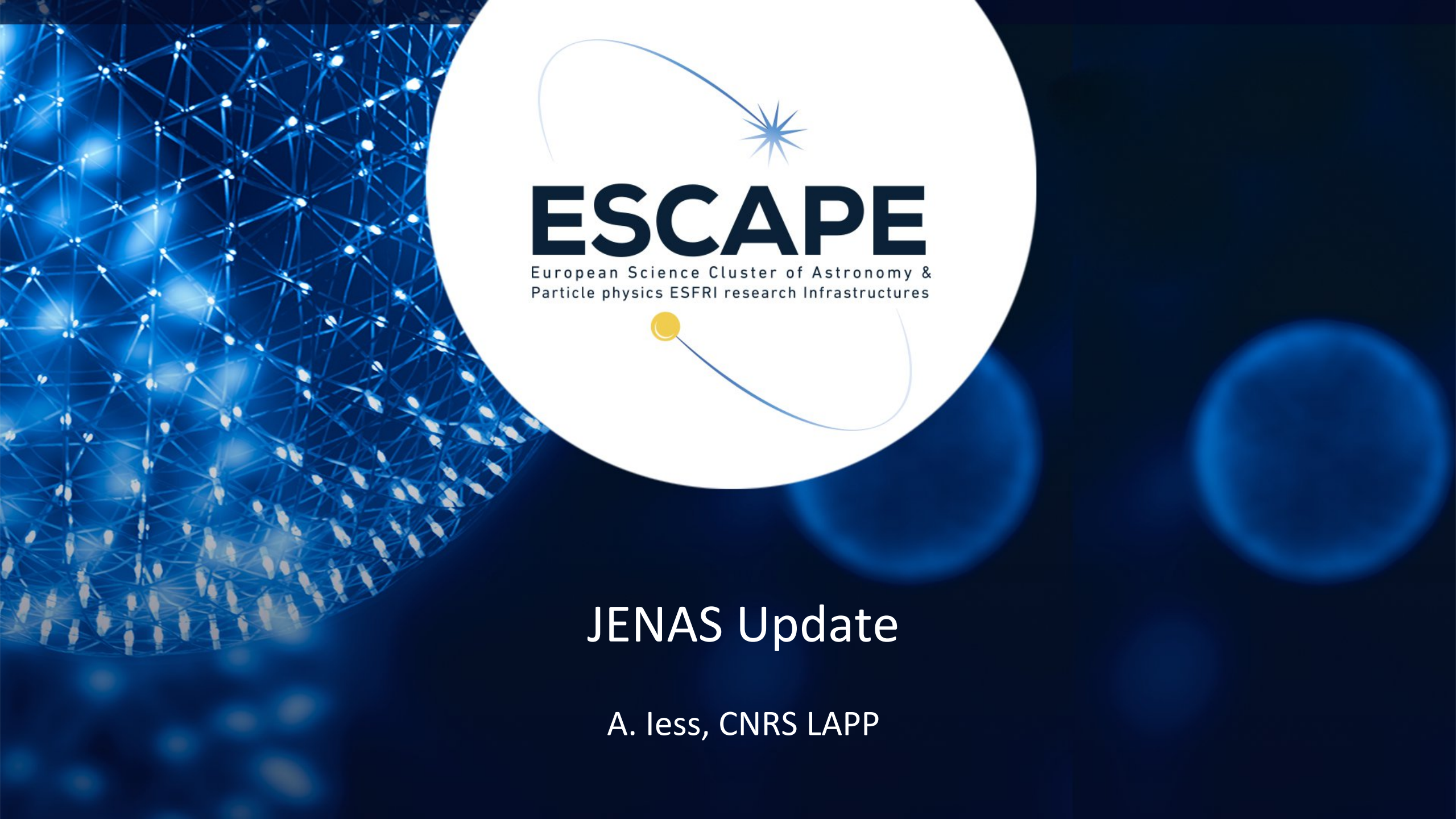

JENAS Update

A. Iess, CNRS LAPP

JENAS Update

- Joint initiative by European Committee for Future Accelerators (ECFA), NuPECC – Nuclear Physics European Collaboration Committee, Astroparticle Physics European Consortium (APPEC).
- Assesses trends, needs, and strategies in European federated computing for particle, astroparticle, and nuclear physics at current and future large-scale research facilities.
- 5 Working groups: Computing architectures, Software, Data management, AI developments, and Training (see White paper and WG reports).
- Key Reccomendations.
- ESCAPE contribution on Data Management and Virtual Research EnvironmentsPresented by Xavier E. at 3rd Joint ECFA-NuPECC-APPEC Symposium JENAS (see link).
- Submitted slightly modified version as input European Strategy for Particle Physics 2026 (ESPPU).

JENAS Update

- Sukanya Sinha (postdoc at the University of Manchester) presented a poster on the VRE.
- S. Sinha liaising with interested parties in the ATLAS experiment to implement re-interpretable analyses on the VRE, similarly to what is done for the t-channel semi-visible jets analysis.
- In the talk on the EOI "initiative for Dark Matter in Europe and Beyond" Caterina Doglioni presented a new project for plotting outputs of the dark matter science project through a notebook on the VRE, connected to the upcoming European Strategy update.
- Goal: make sure that the dark matter summary plots that will be used as input for the European Strategy are reproducible following Open Science principles.
- Experiments involved so far: Darkside, XLZD/LZ, HL-LHC (More experiments / benchmarks may be included).
- Timescale: 23-27 June 2025 (Open Symposium on the European Strategy for Particle Physics).
- Coordinating with the VRE team (Giovanni and Enrique), will give a presentation once the first results are ready.