

The EURISOL – DF Project

The EURISOL project is together with FAIR, one of the major aims of the Nuclear Physics community in Europe. In order to reach the long-term goal of EURISOL a new European strategy is proposed with an intermediate and ambitious step: EURISOL Distributed Facility.



Sara Pirrone

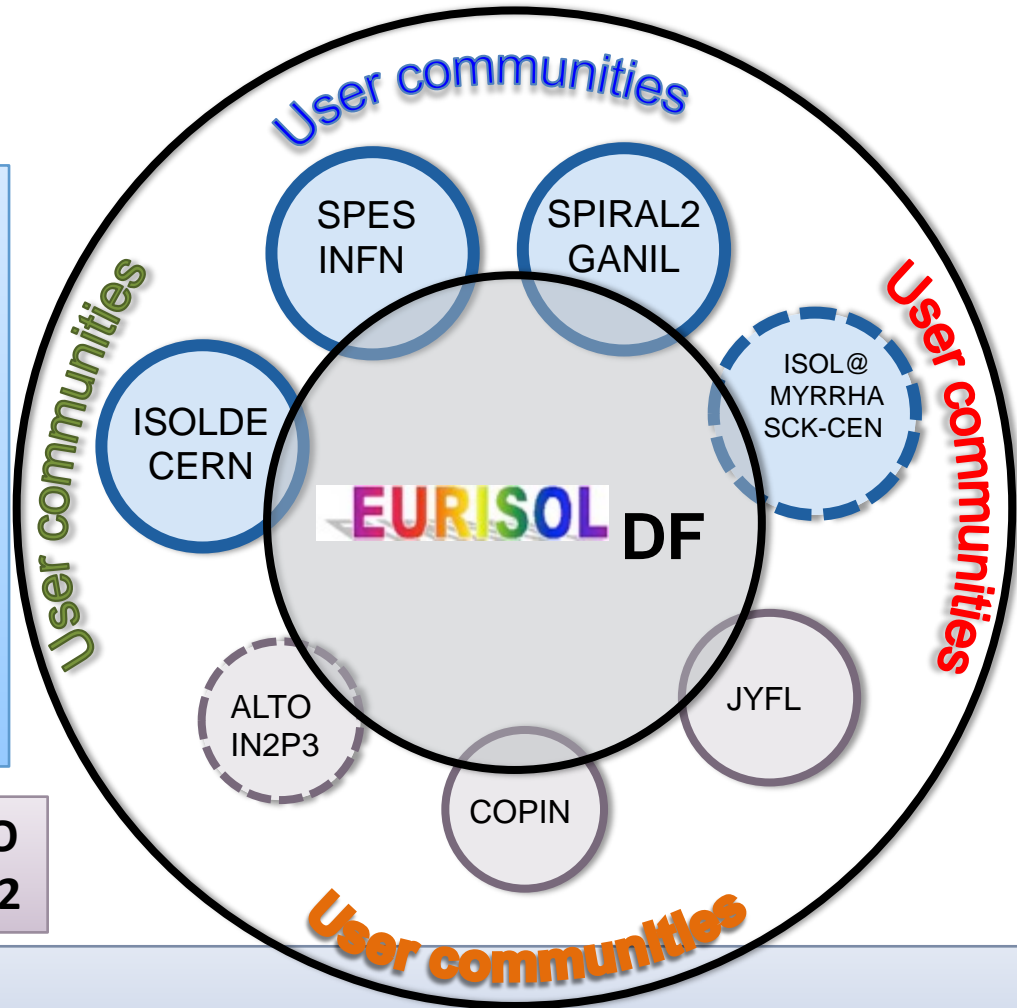
INFN - Sezione di Catania

EURISOL – Distributed Facility (DF) Initiative

Goals of EURISOL-DF

- Prepare strong scientific case for RIB science and applications
- Support, upgrade, optimize and coordinate the involved facilities
- Foster R&D on RIB production and Instrumentation towards EURISOL
- Support user driven policy (User Group)
- **EURISOL single site facility as a long term goal**

- Collaboration with FAIR/NUSTAR & ALTO
- Interaction with EURISOL JRA in ENSAR 2



Forthcoming Goal:

Get EURISOL-DF on the ESFRI (European Strategy Forum on Research Infrastructure) list, as a candidate project by 2020

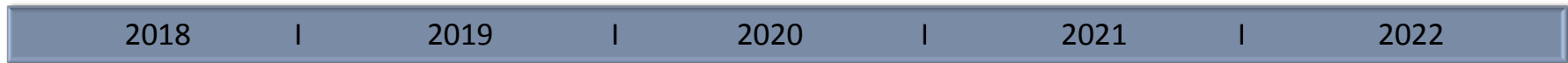
http://www.eurisol.org/eurisol_df/

website by LNL-Fondi Esterni

LNL-User meeting 21 November
S.Pirrone

EURISOL – Distributed Facility (DF) Initiative – next steps

- First draft of the full EURISOL-DF proposal including the WG reports, **by May 2018**
- Draft of the full EURISOL-DF proposal **by January 2019**
- Consultation of the draft with the involved countries and community with an involvement of the EURISOL User Executive Committee: **March-July 2019**
- Submission of the EURISOL-DF project to ESFRI by July-August 2019





The EURORIB 2018 will be held from May the 27th to June the 1st 2018 in Giens, in a seaside village close to Toulon (south of France).

The EURORIB 2018 conference will deal with the following 11 topics:

- 1) Future RIB facilities
- 2) At and beyond the dripline and new modes of radioactivity
- 3) Nuclear structure far from stability and hypernuclei
- 4) Transuranium nuclei
- 5) Dynamics and Thermodynamics of exotic nuclear systems
- 6) Direct Reactions with radioactive beams
- 7) Nuclear astrophysics
- 8) Fundamental interactions
- 9) Applications to other fields
- 10) Instrumentation, electronics and data acquisition systems
- 11) Production and manipulation of RIB

More information will be soon available on our website : <http://eurorib2018.sciencesconf.org>