

# Expression of Interest – IN2P3/France



**Please indicate the name of the contact person for this submission:**

TBD

**Please indicate all institutions collectively involved in this submission of interest:**

## Three IN2P3 units:

- IJCLab, CNRS, Université Paris-Saclay, F-91191 Gif-sur-Yvette
- LLR, CNRS-IN2P3, Ecole Polytechnique, Institut Polytechnique de Paris
- SUBATECH, IMT Atlantique, Université de Nantes, CNRS-IN2P3, Nantes

## *Pending ongoing discussions:*

- IRFU, CEA-Saclay, Université Paris-Saclay
- Other units from CEA-Saclay

**Please indicate the items of interest for potential equipment cooperation:**

- Calorimetry: instrumentation, engineering/design, readout
- Tracking: instrumentation, engineering, electronics, software
- Roman Pots: readout electronics ?
- Compton polarimetry ?

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## Opportunities for engagement of other groups

Discussions underway to potentially make a common EoI from both French research institutions: **CNRS/IN2P3 & CEA-Saclay**

## Additional information you think may be useful for the community to know about your expression of interest.

Pending support from IN2P3 management and directors from individual laboratories, the group have strong capabilities to provide **in-kind labor** for:

- ❖ Design/engineering and construction of some parts
- ❖ Readout electronics
- ❖ Prototype construction/commissioning and beam tests
- ❖ MC simulations

**Additional financial contribution** from IN2P3 is possible, in proportion to the size of the French community involved in EIC (the EIC project is Recommendation 3 of the hadron physics section in the 2020-2030 IN2P3 Long Range Plan)