

Expression of Interest - INFN



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

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

INFN:

INFN-Bari, INFN-Bologna, INFN-Catania, INFN-Ferrara, INFN-Genova,
INFN-LNF(Frascati), INFN-LNS (Laboratorio Sud), INFN-Padova,
INFN-Roma1, INFN-Roma2, INFN-Torino, INFN-Trieste

Please indicate the items of interest for potential equipment cooperation:

PID in the forward region

Si Vertex

Streaming read-out

Software tools



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Opportunities for engagement of other groups

- *INFN groups are fully open to collaborative effort*
- *Ongoing and future collaborations already discussed (more coming):*

PID in the forward region

Duke University, Georgia State University, Stonybrook University

Si Vertex

the EIC Silicon Consortium (University of Birmingham, BNL Instrumentation Division, JLAB, LBNL, Rutheford-Appleton Laboratories, CCNN- Wuhan, more coming)

Streaming read-out

BNL, CUA, Jlab, MIT, Stonybrook

Software tools

the EIC Software Consortium (ANL, BNL, CEA, JLAB , LANL, Manitoba, Oak Ridge, Stonybrook, more coming)

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

- *estimated envelop of manpower and in-kind contribution will be specified in the EoI*
- *Timelines of INFN involvement:*
 - *Preparatory phase (R&Ds & MC studies) up to 2024*
 - *Constructions over 5 y: 2025-2029*