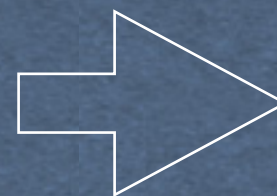## Streaming Readout III

from Monday, 3 December 2018 at **09:00** to Tuesday, 4 December 2018 at **18:00** (US/Eastern)
at **Christopher Newport University (Freeman Center - Room 201)**

A Streaming readout scheme for EIC requires:

- to identify and quantify relevant streaming-readout parameters
- to be implemented in realistic study cases
- to compare performances with traditional DAQ
- to evaluate the impact on EIC detector design

As eRD23 Consortium we should clarify

- Why it is important a SRO scheme for EIC
- Why now
- What are we losing wrt a traditional DAQ
- How much a S-RO scheme will cost: money, resources, personnel, …
- How can we prove that the S-RO proposed would work, at least, as well as the traditional one
- Procedures for validation:
  ‣ general / detector-dependent
  ‣ from prototype to the full system
  ‣ commercial vs custom

Define a work-plan with:
‣ Priorities
‣ Goals
‣ Tasks
‣ Assignments
‣ Milestones

A proposal for the Next Streaming ReadOut workshop (IV)

May 23-24, Camogli (Genova), Hotel Cenobio dei Dogi

- Located on Portofino promontory
- Convenient connection by train/car (20mn from Genova, 2h from Milan)
- International airport in Genova (Rome, Paris, Munchen, London, …)
- Arrival expected on Wednesday May 22, departure on Friday May 24
- two full days of presentations/discussions (4 sessions
- Lodging / breakfast, meeting in the hotel
- Lunches and dinners on your own (it is possible to have them in the hotel)
- Social dinner at the hotel on Thursday night
- Cost: 145 euro/night (+95 for companion)
- Supported by eRD23 funds (meeting room, coffe breaks, shuttle from airport/train station + some selected local expenses support)
- the ws will follow an INFN MachineLearning School (May 20-22) organized in the same place