

# EICUG Software Working Group



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# Collaboration

**From Charge** “The working group will build on the considerable progress made within the EIC Software Consortium (eRD20) and other efforts.”

## Collaboration with

- **EIC Software Consortium** collaborates with:
  - **Geant4 International Collaboration**  
Liaison: Makoto Asai (SLAC)
  - **MCnet** Liaison: Stefan Prestel (Lund)
  - **ROOT** Liaison: Enric Tejedor Saavedra (CERN)
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- **HEP Software Foundation** (AI/ML, real-time processing, reconstruction)

# Contact

**From Charge** “It will communicate via a new mailing list and organize regular online and in-person meetings that enable broad and active participation from within the EICUG as a whole.”

**Mailing list** [eicug-software@eicug.org](mailto:eicug-software@eicug.org) ([Google Group](#))

**Website** <https://eic.gitlab.io>

## Remote meetings

- [BlueJeans](#)
- once per month, likely **Thursdays**
  - America, Europe 11:00 a.m. (EDT)
  - America, Asia 7:00 p.m. (EDT)

# Meeting schedule in FY19

02/14	Status of documentation and tutorials, website
03/07	Summary of MCEG workshop, status of Monte Carlo Initiative
<b>04/11</b>	<b>Update on community reference reconstruction</b>
05/20–05/22	In-person meeting in Trieste, Italy
06/06	Benchmarks and comparison (Quantitative assessment of measurement capabilities and their physics impact)
07/11	Review of theory tools
07/22–07/26	EICUG Meeting Paris, France
08/	Summer break
09/05	FY20 planning

# Contribution

From Charge “The EICUG Software Working Group’s initial focus will be on **simulations of physics processes and detector response** to enable **quantitative assessment of measurement capabilities and their physics impact**. “

## Ideal way to get actively involved

- development of EIC science program,
- development of EIC detector design.

Contributions starting from a few hours a month allow to work in parallel to ongoing research program.

Please keep your group posted and get involved. We can **build** now an **active working group**. You can your group can now make a difference.