

# Software Coordination for MEG

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Shuei YAMADA  
(ICEPP, Univ. of Tokyo)

► Software coordinators (temporary)

- Reconstruction/Analysis tool : **S. Yamada**
- M. C. simulation : **F. Cei, P. Cattaneo**

(**S. Ritt** responsible for Online/DAQ)

## ► Design the framework

- Data structure (real data & M.C.)
- Monte Carlo simulation
- Geometry
- Online/Reconstruction/Analysis tools
- Calibration constant database



- Provided by each sub-group
- Unified by coordinator

► Responsible person in each sub-group

- LXe: G. Signorelli, S. Yamada
- Drift chamber: F. Cei, H. Nishiguchi
- Timing counter: P. Cattaneo
- Target/Beam: P.-R. Kettle
- Magnet: W. Ootani
- Trigger: D. Nicolo

- ▶ All the softwares will be stored in PSI
  - ⇒ Controlled and accessed via **CVS**

► Unify **Tokyo/Pisa** Monte Carlo simulation

- Common  $\left\{ \begin{array}{l} \text{geometry} \\ \text{output data format} \end{array} \right.$
- User can select at runtime :  $\left\{ \begin{array}{l} \text{Tokyo code} \\ \text{Pisa code} \end{array} \right.$

▶ All the tasks are just started