Proposal Committee

Bernd Surrow



On behalf of the EIC@IP6 Organizing Committee Silvia Dalla Torre, Abhay Deshpande, Olga Evdokimov, Yulia Furletova, Barbara Jacak, Alexander Kiselev, Franck Sabatié, and Bernd Surrow

ATHENA

A Totally Hermetic Electron-Nucleus Apparatus

A new EIC experiment at IP6 at BNL



Purpose: The Proposal Committee is tasked with coordinating three core proposal

elements for the ATHENA proposal effort: costing, integration/global design, and

editing. The proposal committee provides the needed connection between WGs:





Integration / Global design:

- Engage in a dialog between physics WGs concerning requirements and subsystem WGs concerning performance and help realize a global detector model based on performance, cost, maturity, and institutional commitment while
- Keeping the ATHENA community fully informed about design considerations, ensuring opportunities for feedback from collaborators.
- **Costing**:
 - Use cost template from EIC project team and EIC reference detector costing evaluation presented to the ICR in January 2021 as a starting point for completing detector costing.
 - Communicate with subsystem WGs about costing: Subsystem template, expected cost bracket, holding regular costing meetings with a "costing" representative for each subsystem WGs.
 - Prepare full costing of detector proposal with advice/input from the EIC project team and ATHENA community.



D Editing:

- Prepare a draft outline for the detector proposal and present it to the ATHENA community using shared overleaf document.
- Writing of introductory material.
- Solicit input from WGs specifying details for each section, including costing from the costing focus group.
- Compiling the entire document, soliciting comments, and finalizing the document.



- Costing: Bernd Surrow, Olga Evdokimov, Zhangbu Xu, and Yulia Furletova
- Integration / Global Design: Bedanga Mohanty, Franck Sabatie, Alexander Kiselev,

Thomas Ullrich, and Silvia Dalla Torre

Editing: Abhay Deshpande, Barbara Jacak, Zein-Eddine Meziani, and Peter Jones

Ex-officio / Official EIC project contact: Elke Aschenauer

