

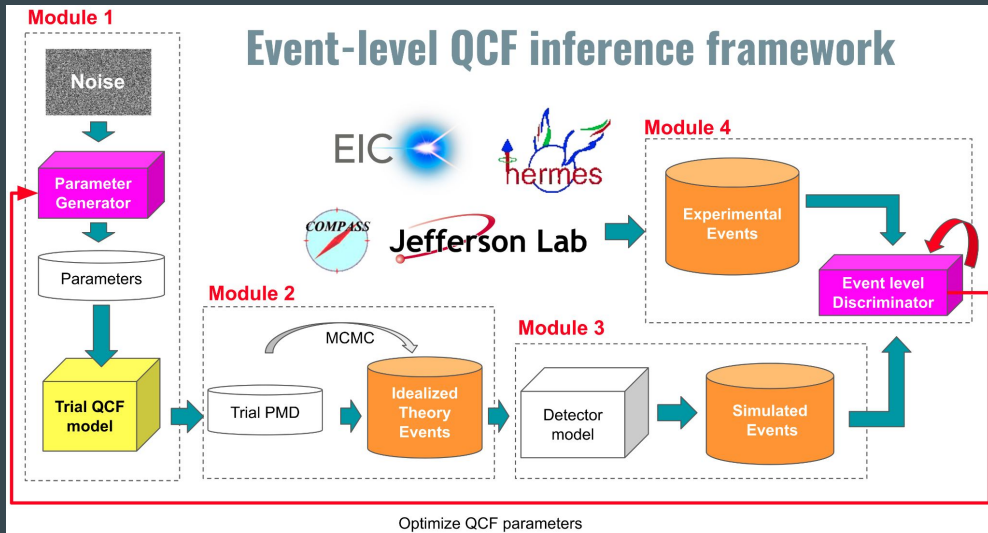
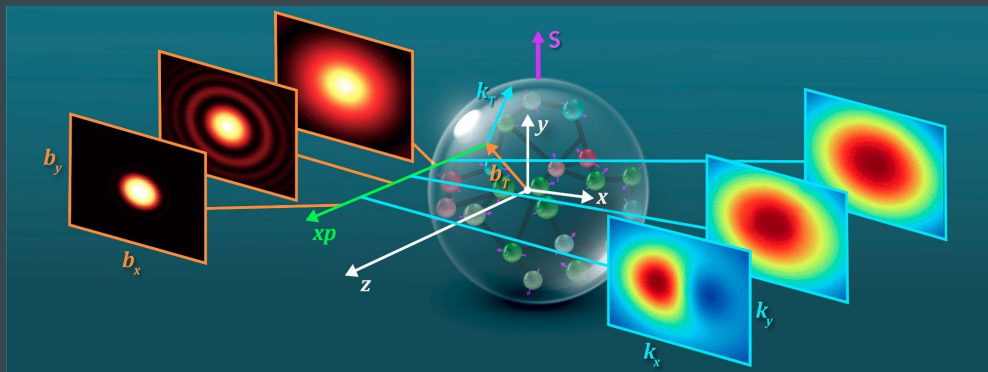
QuantOm Collab Meeting 2022



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Goals of QuantOm Collab

- Deliver a framework that can perform analysis of real-world event-level data and provide a 3D tomography of nucleons and nuclei
- Must also deliver physics insight!
- Likely a 10+ year project but need to make major process in this SciDAC, and 1st year is very important
- Profoundly important project for JLab and EIC
- We have a great team, 20+ people, and will grow with students & postdocs. Having a diverse, respectful, and inclusive team is crucial to our success.



Goals of this Collaboration Meeting

- Get a solid understanding of the whole project and a detailed understanding of your contribution to the project
 - Need to keep asking questions until the tasks and challenges are understood
 - We have detailed discussions with all Working Groups
- Currently have one possible framework to deliver event-level analysis
 - In the end alternative workflows may prove best, a lot of room for exploration and creativity
- Determine deliverables for 1st year, and associated timeline and personnel, for each working group
 - Would be great to have a high impact results, e.g., Gordon Bell prize, Nature, etc.
- Establish communication/collaboration tools, and meeting/updating structure

