

Priority Permission Increase Form

We request the increase of the user account **gangel** to perform CLAS12 simulations offsite, with the details below:

- Task name **MC SIDIS simulation**
- Channels **$ep \rightarrow e\pi X$, $e\pi\pi X$, eKX**
- Event generators **CLASDIS**
- Kinematics **Deep Inelastic Scattering**
- Detector configuration (for instance RGB-Spring19, ...) **Fall 18 , Inbending configuration**
- Desired statistics (M = millions of events, B = billion, T = trillion) **4B**
- Disk space needed for storage **9 TB**
- CPU time estimate **5 Million Core Hours**
- Date of Start of High Priority: **Dec 21 2020**
- Duration of High Priority: **60 Days**
- Test with actual configuration performed: **YES** NO [See attached slides]

Physics Working Group Chair: (PRINT NAME) _____

Signature: _____ Date _____

Software Group Representative (PRINT NAME) **Raffaella De Vita**

Signature:  Date **12/18/2020**

Acknowledged by:

CLAS12 Coordinating Committee

Software Coordinator [R. De Vita] ☒ Date December 18, 2020

Computing manager [N. Baltzell] ☒ Date December 18, 2020

Simulation lead [M. Ungaro] ☒ Date _____