



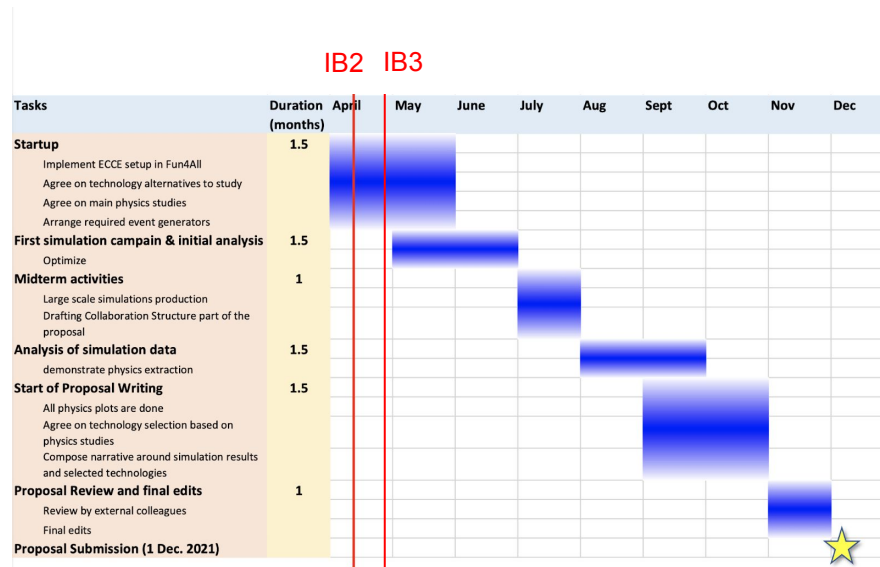
C. Fanelli for the Computing Team



3rd ECCE Teams Meeting,
Apr 26 2021

ECCE Computing

- Adding 2nd computing convener ongoing - have talked with candidates, waiting for confirmation
- Discussion on computing needs for production campaign
- Consolidating numbers about needed resources (C. Dean and J. Huang)
 - CPUs ~2k CPUs for ~4 months at 75% usage
 - Possibility of a two-tier storage model for DST (~2PB) and Analysis TTree (~100TB)
- ECCE will have meetings this week with BNL and JLab and other institutions with computing facilities
- Report on what will be made available



ECCE Timeline

AI Working Group Convener

- **William Phelps (CNU/JLab)**
 - Assistant Professor and Joint Staff Scientist at Jefferson Lab
 - Department of Physics, Computer Science and Engineering
- Actively recruiting more students to join in working on ECCE related AI projects from CNU
 - We have many talented students with ~500 majors in the Department
 - Andru Quiroga is one of our undergraduate Computer Science students who will work on this project and has been involved in AI research over the past two years.
- We would welcome interested parties to contact us
 - william.phelps@cnu.edu



William Phelps



Andru Quiroga

- CNU recently joined ECCE (Ed Brash, Peter Monaghan, David Heddle, Will Phelps) and is interested in contributing also to other activities like detector simulations.
- The Computing Team recruited a PhD student involved in AI research from University of Regina who will contribute 100% FTE in the next few months.
- One of the main goals of the AI WG is providing the optimization (performance, cost) of sub-detector(s) useful for decision making based on cutting-edge AI approaches already used for EIC [E. Cisbani, A. Del Dotto, CF, M. Williams, et al. *Journal of Instrumentation* 15.05 (2020): P05009].
- Regular meetings will start soon and will be announced through the mailing list ecce-eic-comp-l

SPARES

