

# Simulation and Analysis

Mar 30 2021

# Schedule

- ◉ **Tuesday, Mar 2:** discussion about the forward system including vacuum options there and the profiler location [[link](#)]
- ◉ **Tuesday, Mar 9:** towards a decision on the vacuum chamber of the IP detectors: yes/no/partially/how? [[link](#)]
- ◉ **Tuesday, Mar 16:** general engineering review (with Benny & Oz from WIS) of all elements along the experiment
  - ◉ **Mandate:** the goal is to have a basic review of the design of the components in the hall from an engineering perspective for the purpose of refining the simulation model for the timescale of April-May. For all active and passive components that are of relevance for the simulation, it should be reviewed how these are supported, whether these should/can be movable, whether these should/can be in a vacuum, how these can be aligned and where services are routed, etc. In addition, the location of racks, cooling elements, vacuum pumps (etc) and their connections as relevant to the simulation will also be reviewed. Finally, we will review also how to control the environment around the elements (if not completely in vacuum) as needed and again, as relevant to the simulation [[link](#)]
- ◉ **Tuesday, Mar 30: collective definition of the EDM and GEANT4 output format**  
(note: Passover in IL is from Mar 27 to Apr 3)
- ◉ **Tuesday, Apr 6: ICS technical discussion regarding the physics simulation and the technical implementation**  
(note: Easter holidays in EU are Good Friday (Apr 2) to Easter Monday (Apr 5))