

1. WHAT SOFTWARE TOOLS ARE CURRENTLY MISSING AND IMPEDE YOUR PROGRESS IN DETECTOR DEVELOPMENT EFFORT?

- **FY19 limitations**
 - Only Mike Sullivan from SLAC was able to run SR Code
 - Problem resolved, SR Code is now ported to JLab and we are making it user-friendly and publicly accessible
- **Resources from FY20 if fully funded will allow**
 - Implement the design and Fluka and Geant3: the tools exist we need just resources to perform the systematic studies, this is of particular importance for neutron background studies: This was not possible in FY19 due the funding limitation.
- **Software Requirement for next stages**
 - Alex Kiselev will guide us in use of EIC_ROOT, or other eRHIC-centric tools
 - Will work with JLEIC software team.
 - A more clearly standardized and unified framework for running, modifying, analysis and reconstruction simulations would be an enormous benefit