

Mission Statement for Operations Analysis Group

The mission of OAG is to apply integrated capabilities and experience in accelerator physics, accelerator operation, accelerator simulation, and high-level software to the operation, understanding, and enhancement of the Advanced Photon Source.

1. Development, maintenance, and application of software for highly-automated, highly-reliable accelerator operation, data collection, diagnosis, and experimentation.
2. Development, maintenance, and application of software for accurate, timely simulation of APS accelerator systems.
3. Development and exploration through simulation and experiment of innovative ideas for accelerator enhancements to improve the quality and reliability of beam delivered to users.
4. As machine managers, integration of knowledge and understanding of the interplay of accelerator subsystems to provide reliable advice and decisions on accelerator operations and modifications.