

## March 2018 NSLS-II SAC Charge Questions

### Accelerator

1. Is the FY18-20 maintenance and spares program sufficient to meet our reliability goals?
2. Are the plans to reach the design goal of 10 pm-rad in the vertical appropriate given the performance requirements of the users?
3. Are the FY18-20 R&D plans appropriate in terms of their focus and their size?

### Beamline Operations

1. Is the controls program on a path to success? Is the organizational structure appropriate for the operational needs of the facility? Are the priorities of the program clear, transparent and are there appropriate mechanisms to align them with the priorities of the facility? Is the controls program on a path to functioning as a coherent team?
2. Are the beamline operations taking advantage of all opportunities for efficiencies? Are there other opportunities we have missed?
3. Has the beamline value engineering exercise identified concrete opportunities to reduce costs? Is the exercise on a useful path to conclusion?

### User program

1. Is the user program making appropriate progress? Are there areas of concern?
2. Is the plan for the user interface with the proposal system clear and executable on the required time scale?
3. Is the proposal for the triennial review of the beamlines reasonable?
4. For the beamlines reviewed this time:
  1. Are they each on track to develop world-leading programs? If not, what should be done?
  2. Have they got the mix between commissioning new capabilities and running a user program right?
  3. Is the user program on each looking healthy for this point in their development?
  4. Are the future plans for the respective beamlines appropriate? Are there opportunities we are missing that we should go after? Conversely are any of the beamlines pursuing directions that they should not?