

Scientific Computing Applications



The Scientific Computing Applications group will provide leadership and support of PPA Scientific Computing, complementing the services provided by the Computing Division.

Key Objectives

- enable scientific computing expertise to flow between activities within PPA itself and within the lab
- provide computing solutions and support to collaborations and experiments
- pursue appropriate R&D in scientific computing
- advise the PPA Director on scientific computing strategic issues

Strategies

The strategies we will use to achieve these objectives include:

- devise and implement solutions for tactical issues, including transitions of Scientific Computing personnel as projects wax and wane
- lead PPA scientific computing in key areas to bring economic of scale to multiple PPA projects
- proactively provide solutions to Laboratory scientific computing projects in areas where PPA expertise is unique and applicable
- provide an environment to attract and maintain expertise and personnel
- work closely with CD to optimize resource allocation planning and selection of technology paths
- seek out and be a conduit to external funding
- seek collaboration outside of the Laboratory

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