

Plenary-03

An Overview of the Next Flagship Supercomputer in Japan**Yutaka Ishikawa****RIKEN Advanced Institute for Computational Science, Japan**

The next flagship supercomputer in Japan, replacement of K supercomputer, is being developed. The machine architecture is co-designed with system software and applications. One of the priority application areas is meteorological and global environmental predictions utilizing observational "Big Data." How such an application affects the system software design, especially file I/O middleware, is presented after a brief introduction of the machine architecture.