

## Current Status of J-PARC

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J-PARC (Japan Proton Accelerator Research Complex) is under construction in Tokai-village with collaboration between Japan Atomic Energy Agency (JAEA) and High Energy Accelerator Research Organization (KEK). J-PARC contains Materials and Life Science Facility (MLF), which will give us two order of magnitude higher neutron flux compared to the existing facilities. Such high flux neutron will definitely be a powerful tool for earth and planetary science.

The construction of J-PARC has been in progress on schedule. Last year, the first accelerations of proton beams at the Linac and 3GeV ring were successfully made in January and October, respectively. Neutron instruments (beamlines) at MLF are also now under construction for accepting the first neutron beam that is expected in this May. We plan to open a facility to the users for their experiments by the end of the year.