Hands-on Workshop on Design, Installation and Management of HPC Data Centres for Scientific Institutions

ICTP

9 - 20 March 2020
Trieste, Italy

This hands-on activity brings together participants and resource personnel from IT units/departments of scientific institutions that have deployed or are considering deploying small to medium-sized HPC equipment to share standards, experiences and best practices for the design and management of data centres for HPC equipment.

Applicants must be from an IT unit/department.

Topics:

- Data Centre: Facilities planning; provisioning, networking and optimization of power and cooling, etc.
- Installation, provisioning, configuration and maintenance of computer clusters/servers, storage and software.
- Day-to-day operations of HPC systems including systems administration, monitoring and performance optimization.
- Installation and maintenance of system software stack and tools, building and deploying open source software and supporting scientific applications.
- Other topics: Green data centres; harnessing cloud based resources.

Directors:

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Local Organizer:

C. ONIME, ICTP

How to apply:

Online application:
http://indico.ictp.it/event/9027/

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Deadline:

07 January 2020

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MHPC Master in High Performance Computing

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