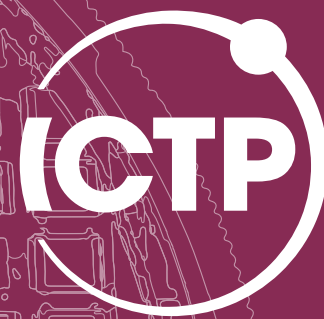


Joint WASCAL - ICTP Hands-on workshop on HPC technology for Climate Sciences



3 - 13 May 2022
Ouagadougou - Burkina Faso

Further information:
<http://indico.ictp.it/event/9773/smr3689@ictp.it>

During this hands-on workshop, IT/HPC administrators and climate change scientists will be trained on how to make effectively operational and remotely accessible HPC technology, and how to use the computational resources of operational HPC systems in West Africa (WA) to compute climate models and run simulations. This activity will also ease the creation of HPC community in WA.

Topics:

- HPC IMPORTANCE, DESIGN, PURCHASE, AND INSTALLATION PROCESSES: e.g. HPC Facilities for scientific challenges in Climate modeling
- HPC TECHNOLOGY & ADMINISTRATION: Fundamentals of Computer Architecture and programming, Raking and building HPC clusters
- HPC NETWORK AND SYSTEM ADMINISTRATION / MANAGEMENT: e.g. HPC batch queue systems, storage, data formats (HDFS/NETCDF)
- HPC SYSTEM COMMON USAGE AND OPERATIONS: e.g., Hands-on work on compiling software and submit jobs on HPC clusters, Hands-on work on REGCM, WRF
- NETWORKING FOR FUTURE OPERATIONALISATION AND COLLABORATION OF EXISTING HPC CENTRES
- KEYNOTES ON ADDRESSING SCIENTIFIC CHALLENGES IN CLIMATE SCIENCES
- INVITED TALKS FROM CHPC, EAIFR, NiMET, Univ of Cocody

Directors:

K. OGUNJOBI, WASCAL, Burkina Faso
C. ONIME, ICTP, Italy
B. DIALLO, WASCAL, Burkina Faso
I. GIROTTO, ICTP, Italy
M. SULE, ICTP, Italy

ICTP Scientific Contact:

C. ONIME, ICTP, Italy

Resource People:

K. ADEWARA, Obafemi Awolowo University, Nigeria
V. AJAYI, FUTA, Nigeria
A. AKINTOMIDE, University of Georgia, USA
S. BAMBA, AIMS, Rwanda
B. DIALLO, WASCAL, Burkina Faso
U. GARTERNICHT, DKRZ, Germany
I. GIROTTO, ICTP, Italy
G. GIULIANI, ICTP, Italy
J. GOGWIM, University of Jos, Nigeria
K. HACKMAN, WASCAL, Burkina Faso
T. LUDWIG, DKRZ, Germany
S. MEDA, WASCAL, Burkina Faso
K. OGUNJOBI, WASCAL, Burkina Faso
C. ONIME, ICTP, Italy
E. PEDANO, WASCAL, Burkina Faso
S. SALACK, WASCAL, Burkina Faso
M. SAVADOGO, WASCAL, Ghana
W. SAVADOGO, University of Augsburg, Germany
B. SINSIN, WASCAL-SAC, Benin
M. SULE, ICTP, Italy
H. THIEMANN, DKRZ, Germany

How to apply:

Online application:
<http://indico.ictp.it/event/9773/>

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:

22 April 2022



The Abdus Salam
**International Centre
for Theoretical Physics**
www.ictp.it
Trieste, Italy

