The CODATA-RDA Research Data Science Summer School

6 - 17 August 2018
Trieste, Italy

Further information:
http://indico.ictp.it/event/8329/
smr3231@ictp.it

This activity focuses on building a range of data-related skills that are vital for addressing trans-disciplinary challenges in contemporary research work.

Description:

The Summer School builds competence in data analysis and security for participants from all disciplines and/ or backgrounds from sciences to humanities. Topics to be covered include principles and practice of research data management, data curation, data security; Open Science, visualization, machine learning and artificial neural networks.

The activity includes practical hands-on sessions on techniques and applications for large-scale data handling, analysis, visualization and modeling on a variety of compute infrastructure including high performance compute platforms/systems.

An associated activity (SMR3257) focusing on Data Sciences for Extreme Sources of Data, Bioinformatics, IoT/ Big-Data Analytics and Climate Data Science will run immediately after this event and requires a separate application.

Directors:

A. HARRISON (Department of Mathematical Sciences, University of Essex)
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C. VAN GELDER (Dutch Techcentre for Life Sciences (DTL), Netherlands)
R. MURENZI (TWAS)
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N. MULDER (University of Cape Town, South Africa)
U. SINGE (ICTP)
M. ZENNARO (ICTP)
A. TOMPKINS (ICTP)

Speakers:

The Carpentries
Data Curation Centre
European Open Science Cloud
CERN

How to apply:

Online application:
http://indico.ictp.it/event/8329/

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:

21 May 2018

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