

# The CODATA-RDA Research Data Science Summer School and Applied Workshops



**10 - 21 July 2017 and 24 - 28 July 2017**  
**Trieste, Italy**

**Further information:**

School: <http://indico.ictp.it/event/7974/>

Workshop: <http://indico.ictp.it/event/8170/>

E-mail School: [smr3130@ictp.it](mailto:smr3130@ictp.it)

E-mail Workshop: [smr3178@ictp.it](mailto:smr3178@ictp.it)

The Summer School (10-21 July 2017) will focus on growing competence in accessing, analyzing, visualising, and publishing data. It is open to participants from all disciplines and/or background from the sciences to humanities. Three applied workshops (24-28 July 2017) focus on Extreme sources of data; Bioinformatics; IoT/Big Data Analytics.

## Description:

- Summer School: principles and practice of Open Science; research data management and curation; use of a range of research compute infrastructures; large scale analysis, statistics, visualisation and modeling techniques; automation and scripting.
- Workshop on extreme sources of data: Introduction to ATLAS Open Data Platforms/Tools, tutorials and CERN LHC.
- Workshop on bioinformatics: computational methods for the management and analysis of genomic and sequencing data.
- Workshop on IoT/Big Data Analytics: Big Data tools and technology; real time event processing; low latency query; analyzing social media and customer sentiment.

## How to apply:

**Online application:**

School: <http://indico.ictp.it/event/7974/>

Workshop: <http://indico.ictp.it/event/8170/>

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.

## Directors:

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## Local Organizers:

I. GIOTTO, ICTP

C. ONIME, ICTP

M. ZENNARO, ICTP

## Deadline:

**25 April 2017**



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