

EUDAT CDI & PRACE Summer School Draft Programme



The banner features the PRACE logo (a circle of stars) and the EUDAT logo (three orange cubes) with the text 'Collaborative Data Infrastructure'. Below this, it reads 'SUMMER SCHOOL' in large blue letters, followed by 'Managing scientific data from analysis to long term archiving' and '23-27 September 2019, ICTP Trieste, Italy'. The ICTP logo is at the bottom left. On the right, a photograph of a coastal city at sunset is shown, with a blue arrow pointing left containing the text 'CALL FOR APPLICATIONS OPEN'.

[OVERVIEW](#)

[DRAFT PROGRAMME](#)

[VENUE](#)

[ACCOMMODATION](#)

[APPLICATION & EVALUATION CRITERIA](#)

The **topics** covered by the Summer School are:

- Real use case covering data discovery -> processing -> analysis -> preservation -> publishing -> data discovery
- EUDAT/PRACE services mapped onto the research data lifecycle
- Data Processing
- HPC fundamentals
- Computing Architectures
- Data Analysis
- Advanced Python (scientific libraries)
- Machine Learning
- Deep Learning (Tensorflow)
- Data Preservation
- Data Sharing and Publishing
- Data Discovery
- FAIR and FAIR metrics
- Scientific Visualisation
- Semantics

[Read more](#)