



Second call of the 8th Summer School at the ISAC Institute, Lecce Unit.

This year the topic of the school will be on

Structure of precipitation systems: Advances in Remote Sensing and Modeling

The school will take place at Hotel Orsa Maggiore (<http://www.orsamaggiore.it/>) in Castro Marina, a very nice marine resort close to Lecce, in the south-eastern corner of Italy, from 22 to 26 June 2020.

The purpose of the Summer School is to provide an intensive and comprehensive review of the current knowledge of precipitation, considering in particular its remote sensing retrievals from satellite, radar and radiometer systems. Also, the formation mechanisms and the structure of precipitating systems will be discussed. The school is primarily addressed to PhD, Master students in atmospheric sciences, post-doc, researchers and operational forecasters from regional and national meteorological agencies.

The lecture and seminar program is as follows:

Gianpaolo Balsamo (ECMWF, Reading, UK)

Satellite data to constrain the water cycle in weather and climate.

Steven J. Goodman (GOES-R Program Senior Advisor/Thunderbolt Global Analytics)

Use of satellite data in nowcasting.

Christopher Kidd (NASA/GSFC and University of Maryland, USA)

Precipitation remote sensing from space.

Vincenzo Levizzani (CNR - ISAC, Bologna, Italy)

Precipitation formation mechanisms: microphysics and cloud structure.

Richard Rotunno (NCAR, Boulder, CO, USA)

Structure of severe precipitation systems.

For the registration and any further information please visit our website <http://ss2020.le.isac.cnr.it>, or contact us at: summerschool2020@le.isac.cnr.it.

Registration will be closed on April 30, 2020. Based on CV, a maximum of 40 students will be admitted.

The Organizing Committee

Vincenzo Levizzani

Mario Marcello Miglietta

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Fabio Grasso

Giovanni Lella