



First call of the 9th Summer School at the ISAC Institute, Lecce Unit.

The challenge of precipitation prediction

The school, this year co-organised with Università Politecnica delle Marche, 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 3 to 7 July 2023.

The purpose of the Summer School is to provide an intensive and comprehensive review of the current knowledge of precipitation predictions, considering in particular severe weather conditions.

The school is primarily addressed to PhD, Master students in atmospheric sciences and post-doc researchers and operational forecasters from regional and national meteorological agencies.

This year the lecturers and seminar program are the following:

Rich Rotunno, NCAR, Boulder, Colorado, USA.

Weather Predictability and hurricanes

Vincenzo Levizzani, CNR/ISAC, Bologna, Italy

Precipitation from remote sensing (Lectio Magistralis)

Stefano Alessandrini, NCAR, Boulder, Colorado, USA

Ensemble verification and analogues

Federico Cassola, ARPAL, Genova, Italy

Precipitation in a complex topography region

Silvio Davolio, CNR/ISAC, Bologna, Italy.

Atmospheric rivers and Mediterranean cyclones

Agostino Manzato, ARPA-FVG - OSMER, Italy

Heavy rain, hailstorms, and lightning in Alpine areas

Mario Marcello Miglietta, CNR/ISAC, Padova, Italy

Extra-tropical cyclones and Medicanes

For the registration and any further information contact us at: ss2023@le.isac.cnr.it. The web site will be ready in the next few days (<http://ss2023.le.isac.cnr.it>). There are no fees for this edition (the cost of coffee break will be included in the cost of the hotel) and the registration will be closed on May 15, 2023. Based on CV, a maximum of 40 students will be admitted.

The Organizing Committee

Umberto Rizza

Mario Marcello Miglietta

Vincenzo Levizzani

Giorgio Passerini

Fabio Grasso

Giovanni Lella