



## **Second call of the 7th Summer School at the ISAC Institute, Lecce Unit.**

This year the topic of the school will be on

### **Precipitation: Remote Sensing and Modelling**

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 18 to 22 June 2018.

*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 retrieval from ground based and 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 and post-doc researchers and operational forecasters from regional and national meteorological agencies.*

The lecture and seminar program is as follows:

**Véronique Ducrocq** (CNRM, Météo-France ; CNRS)  
*Phenomenology of heavy rain events*

**Chris Kidd** (Univ. Maryland and NASA, USA)  
*Precipitation remote sensing from space*

**Vincenzo Levizzani** (ISAC-CNR, Bologna, Italy)  
*Precipitation formation mechanisms: microphysics and cloud structure*

**Mario Montopoli** (ISAC-CNR, Roma, Italy)  
*Ground based weather radar systems*

**Richard Rotunno** (NCAR, Boulder, CO, USA)  
*Structure of severe precipitation systems*

For the registration and any further information please visit our website <http://ss2018.le.isac.cnr.it>, or contact us at: [summerschool2018@le.isac.cnr.it](mailto:summerschool2018@le.isac.cnr.it).  
Registration will be closed on April 30, 2018. Based on CV, a maximum of 40 students will be admitted.

### **The Organizing Committee**

Umberto Rizza  
Vincenzo Levizzani  
Mario Marcello Miglietta  
Gian Paolo Marra  
Giovanni Lella