



Dear Colleagues,

We are organizing the 7th Summer School at the ISAC Institute, Lecce Unit. This year the topic of the school will be

### **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, 18 to 22 June 2018.

*The purpose of the Summer School is to provide an intensive and comprehensive review of 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 structure of precipitation issues will be discussed. It is primarily addressed to PhD and Master students in atmospheric sciences and professionals 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 and satellite radar and radiometer systems*

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

For any further information please contact us at

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The Organizing Committee

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