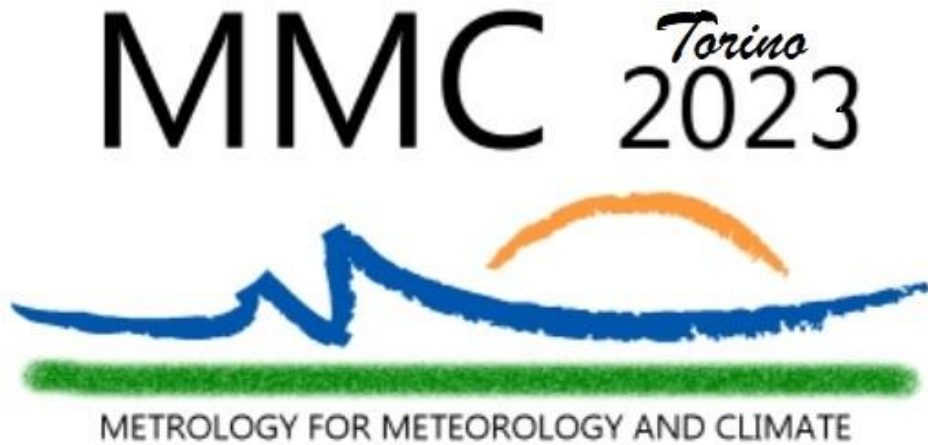


4th Metrology for Meteorology and Climate International Conference - MMC 2023

25-29 September 2023 – Torino – Italy.



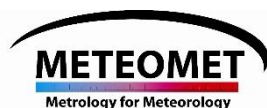
*“Improving the cooperation among the
Metrology, Meteorology and Climatology communities”*



MMC2023 will host the meetings of the

- GCOS Surface Reference Network
- Climate Reference Network EMPIR Project

Further satellite events linked to the European Horizon and Copernicus Programs are organized



MMC 2023 Key topics

- Traceability and uncertainty in meteorological observations
- Ground based systems. Temperature, humidity and pressure sensors. Wind speed and direction, solar radiation. Quantities of influence and mutual influences. Sensors dynamics.
- Upper air measurements. Aircraft-based measurements.
- Ocean research: metrological traceability to the SI system for the measurement of the key variables salinity, pH, composition and dissolved oxygen content of sea water.
- Water: water vapor, liquid water, ice, hygrometry, soil moisture. Rain and snow gauges.
- Water and air quality
- Liquid and solid precipitation. Traceability and innovative sensors
- Glacial and periglacial processes; Permafrost temperature measurements: instruments, procedures and calibrations.
- Assessment of the historical temperature measurement data
- Thermal metrology for meteorology and climate.
- Chemical metrology for environment and climate.
- Instruments and measurements capabilities, calibration procedures, best practice and regulations.
- Climate Reference Stations and data products

MMC 2023 preliminary time schedule

November 2022 Second announcement and details

January-February 2023 Call for papers and abstracts submission open

April 2023 Deadline for abstracts submission

June 2023 Abstract acceptance notification and preliminary program

July 2023 Final program

25-29 September 2023
Conference and joint events

