“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
- 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