

## Training on temperature and humidity measurements

(in the scope of activities of the EURAMET BOD-WGCB)

**IMBiH Sarajevo, 17-21 October 2016**

Agenda draft ver. 2016-10-11

**17 October 2016** (Hotel Astra Garni, Kundurdžiluk 2, Sarajevo), trainer Luigi Iacomini

- Registration of the participants
- Opening
- Introduction – trainers (explanation of the agenda)
- Introduction of participants<sup>1</sup>
- Theoretical part 1:
  - Characterization of furnaces
  - Calibration of sensors with analog output,
  - Uncertainty analysis and estimation

**18 October 2016** (Hotel Astra Garni, Kundurdžiluk 2, Sarajevo), trainer Denis Smogron

- Theoretical part 2:
  - Air Temperature, humidity and combined sensors calibration
  - Climatic chamber calibration method
- Uncertainty analysis and estimation

**19 October 2016** (IMBiH, Augusta Brauna 2, Sarajevo), both trainers

- Discussion on yesterday's lectures
- Parallel hands-on sessions in separate groups
  - Hands-on thermometry: characterization of furnace, dry block calibrator calibration, data elaboration
  - Hands-on humidity: example on temperature chamber, air temperature, humidity and combined sensor calibration, data elaboration

**20 October 2016** (IMBiH, Augusta Brauna 2, Sarajevo), both trainers

- Discussion on yesterday's lectures
- Parallel hands-on sessions in separate groups
  - Hands-on thermometry: characterization of furnace, dry block calibrator calibration, data elaboration
  - Hands-on humidity: example on temperature chamber, air temperature, humidity and combined sensor calibration, data elaboration

**21 October 2016** (IMBiH, Augusta Brauna 2, Sarajevo), both trainers

- On-site calibrations of temperature and humidity, setup and uncertainty analysis and estimation
- Discussion on lectures from previous days
- Discussion of particular participants' cases
- Question and answers, conclusions, follow – up...

Training session begins every day at 9:00

Timing for coffee and lunch breaks will be agreed with host every day on-site.

---

<sup>1</sup>each participants max. 5 minutes, explanation of their own lab activities and equipment, their own experiences in the field and expectation from the training