

# 3<sup>rd</sup> Workshop

## on Absolute long distance measurement in air

May 27<sup>th</sup> 2011 - Prague

### 1<sup>st</sup> Announcement

This Workshop aims to cover the current status in the field of long distance measurement in air and to disseminate the results of the just completed Joint Research Project 3.1 on Long Distance measurement in air within the scope of the European Metrology Research Programme.

#### Topics:

- Refractive index of air, spectroscopic measurement
- Synthetic wavelength interferometry
- Frequency comb distance measurement
- Outdoor instrumentation
- Comparison of baseline calibrations

**Speakers:** *JRP partners + other recognized experts in the field.*

**Background:** Project 3.1 is funded by EURAMET and the European Commission, with the following objectives:

- Development and validation of new techniques and instruments for long distance measurements in air beyond the state-of-the-art.
- Robust and traceable system for effective refractive index of air measurement outdoor over 1 km.
- Interferometric and time of flight based systems for long range measurements outdoor and in workshop environment.
- New systems for long baselines calibration.

**Program:** The Workshop Program will be posted and updated at the official webpage of the project [www.longdistanceproject.eu](http://www.longdistanceproject.eu). Attendance is open to anyone interested and free of charge.

**Registration:** to attend the Workshop can be made by sending an e-mail to E. Prieto ([eprieto@cem.mityc.es](mailto:eprieto@cem.mityc.es)) at CEM (the Spanish Centre of Metrology), Lead Partner for Exploitation, Knowledge Transfer (KT) and Dissemination of JRP Outcomes.

**Contact information:** For local information please contact Petr Balling ([pballing@cmi.cz](mailto:pballing@cmi.cz)) at CMI ([www.cmi.cz](http://www.cmi.cz)).

**Venue:** Czech Association of Scientific and Technical Societies,  
[Novotneho lavka 5, 116 68 Praha 1, Czech Republic](http://www.cmi.cz)

