

Questionnaire on activities in radiometry and photometry

Reply from: Slovak Institute of Metrology

Delegate: Marian Krempasky

1. Summarize the progress in your laboratory in realizing top-level standards of:
 - (a) broad-band radiometric quantities
 - (b) spectral radiometric quantities
 - (c) photometric quantities – lowering uncertainties of luminous intensity
COOMET K3.a
2. What other work has taken place in your laboratory in scientific or technological areas relevant to the CCPR?
3. What work in PR has been/will be terminated in your laboratory, if any, in the past /future few years? Please provide the name of the institution if it has been/will be substituted by a DI or accredited laboratory. No work was/will be terminated in PR labs in SMU
4. What are present, new or emerging needs of users of your services that are not being supported sufficiently by current CCPR activities or initiatives? In the light of this information please suggest desirable changes in the future working program of the CCPR. LED sources characterization, standards and calibration procedures
5. What priorities do you suggest for new research and development programmes at NMIs in the area of Photometry and Radiometry?
6. Are there any research projects where you might be looking for collaborators from other NMIs or are there studies that might be suitable for collaboration or coordination between NMIs? Procedures for low emissivity measurements
7. Have you got any other information to place before the CCPR in advance of its next meeting?
8. Bibliography of radiometry and photometry papers of your laboratory since the last CCPR (September 2014)?

VUELBAN, E. M -GIRARD, F. -BATTUELLO, M. -NEMEČEK, Peter - MANIUR, Milan Ioan - PAVLÁSEK, Peter – PAANS, T. Radiometric Techniques for Emissivity and Temperature Measurements for Industrial Applications. In International Journal of Thermophysics. Vol. 36, no. 4 (2015), published online. ISSN 0195-928X. V databáze: WOS.