

Draft minutes of the meeting of the CCPR UV Working Group (UVWG)

Time: 14:30 – 17:00 on Monday, June 16, 2003

Place: BIPM

Participants:

Formal members: Fox (NPL), Metzdorf (PTB), Ulm (PTB), Werner (PTB), Saito (NMIJ), Anevsky (VNIIOFI), Minaeva (VNIIOFI), Ohno (NIST)
Observers: Clare, Nemecek, Matamoros, Blattner, Ballico, Andor, Xu, Hengstberger (President of the CCPR), Ikonen (Chairman of UVWG)

1. Adoption of the agenda

The draft agenda distributed before the meeting was accepted.

2. Terms of reference and continuation of UVWG

After profound discussion the meeting decided to propose to the CCPR that the UVWG will continue its work subject to the condition that the detailed working programme, described below, is defined and agreed within a time period of approximately 12 months.

The meeting decided to propose that the CCPR would confirm the following terms of reference for the UVWG:

Proposed terms of reference of CCPR UVWG

- to study the measurement problems in the UV range and encourage coordination of the work of NMIs
 - to take initiatives aimed at improving world wide equivalence in the field of UV radiometry taking into account not only traditional techniques, but also techniques such as
 - synchrotron radiation
 - cryogenic radiometry
 - novel techniques for improving the stability of transfer standards
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The attendants made proposals for the contents of the detailed working programme. Following points were agreed to be included in the working programme:

1. Coordinated research on UV and VUV transfer standard detectors

The core group starting this activity consists of PTB, VNIIOFI, NMIJ, NPL, NIST

Additional information: NMIJ's main interest is in polarization properties of detectors, NPL will not take part in the VUV work

2. Comparison of spectral responsivity in VUV range 10 nm – 250 nm

The core group starting this activity consists of PTB, NMIJ, NIST, VNIIOFI

Additional information: VNIIOFI will do the measurements in the range 40 nm – 250 nm

3. Coordinated research to look for suitable diffuse reflectance transfer standards for UV

The core group starting this activity consists of NPL, VNIIOFI, NIST, OMH, PTB

Additional information: PTB will be able to take part after 2005

Points 1 and 2 in the working programme are closely linked. The institute which is mentioned first under each item has made a commitment to take the lead in forming the detailed working programme.

It was further agreed that the participants of the meeting will seek advice in their home institutes and send to the Chairman within 3 months proposals for additional items to be included in the working programme.

3. Coordinated research on novel UV and VUV detectors

This topic was discussed under previous agenda point.

4. Next meeting

A UVWG meeting will be held in any case before the next CCPR meeting after two years. However, there is a possibility that the next meeting will be arranged in combination with the WGKC meeting after approximately one year.

It is the intention that the formal members of the UVWG attend the meetings. In addition, the meetings are open for the members and observers of the CCPR when the Chairman is informed in advance on the intention to participate. For meetings arranged at the BIPM it is necessary to inform on participation two weeks before the meeting.

Paris, 16 June 2003

Erkki Ikonen
Chairman of the UVWG