

Memorandum of Understanding

Between

The European Association of National Metrology Institutes, EURAMET e.V., (in the following referred to as "EURAMET"), represented by the EURAMET Chairperson,

and

the International Commission on Illumination (in the following referred to as "CIE"), represented by the CIE President,

Whereas

- in the activities of CIE and EURAMET (hereinafter called the Parties) there are strategic goals and projects of common interest in the fields of metrology and standardization in support of scientific advancement and technological innovation, to meet societal challenges at international and regional levels,
- EURAMET aims to integrate relevant European national programmes and activities with international initiatives aiming to accelerate the development of measurement research capabilities and create a new foundation for precision and quality-assured measurements,
- CIE is interested in integrating specific knowledge and expertise in the field of photometry and radiometry including the standardization of action spectra for photobiological and photochemical quantities, and those related to vision,

the Parties have agreed the following:

Article I. Scope

- (1) In order to continue the existing cooperation and to provide a mechanism for current and future activities, EURAMET and CIE hereby agree to pursue cooperation in accordance with this Memorandum of Understanding.
- (2) Forms of cooperation may include, but are not limited to areas of mutual interest as:

- i) research in metrology, traceability of measurements to the SI units, in particular related to photometric, radiometric, photobiological and photochemical and photon-based quantities;
 - ii) knowledge exchange and support in metrology, in particular between EURAMET technical committee Photometry and Radiometry TC-PR and CIE;
 - iii) joint research projects covering matters of mutual interest concerning standardization and metrology aspects related to the measurement of light, optical radiation, colour, optical properties of materials, photobiological and photochemical quantities.
- (3) EURAMET encourages CIE to identify metrology research needs relevant to documentary standardization and submit them for potential research within the context of the EMPIR (European Metrology Programme for Innovation and Research), or other such future EURAMET research programmes. It recognizes the existence of the CIE research strategy which outlines possible research topics in the field of radiometry and photometry.
 - (4) CIE encourage EURAMET to take note of the large collection of published CIE technical documents including technical reports, technical notes, proceedings and international standards related to the photometry and radiometry.

Article II. Cooperative Activities

- (1) Joint activities under this Memorandum of Understanding are subject to the applicable rules of each Party, as well as the funds and personnel available to the Parties or their members respectively.
- (2) In the research projects accepted and undertaken by EURAMET members and external parties under the framework of the EMPIR, EURAMET will ensure awareness of the importance and benefits of standardization, and that these projects effectively contribute to better standards:
 - at selection level;
 - in the course of the development;
 - in exploiting the final results of the project.
- (3) CIE encourages awareness in its stakeholder community of the importance and benefits of quality-assured measurement through the continued availability of its relevant publications, both in the context of existing standards, their implementation as well as in pre-normative research and innovation.
- (4) Within the limits of the rules regarding liaisons in the CIE Code of Procedure, CIE encourages the involvement of EURAMET in CIE technical activities.
- (5) The Parties may also jointly convene ad-hoc meetings to optimize collaboration and make recommendations for specific initiatives and actions.
- (6) The Parties encourage mutual support on promotional activities concerning metrology and standardization.

- (7) The Parties may collaborate on the design and development of research projects covering matters of mutual interest, addressing standardization and metrology aspects related to the measurement of light, optical radiation, colour, optical properties of materials, photobiological and photochemical quantities.
- (8) The Parties may arrange joint promotional, educational, technical, or scientific initiatives, such as conferences, seminars, workshops, training courses and other pertinent activities.

Article III. Activities

Activities to be carried out under this Memorandum will be agreed upon by the Parties in writing in an Annex to this Memorandum. In case of any inconsistency between the terms of this Memorandum and the terms of an Annex hereto, the terms of this Memorandum shall prevail.

The Parties will each appoint a person responsible for the coordination of the activities.

Article IV. Annual activity review

The activities established under this Memorandum of Understanding should be subject to annual joint review with the aim of examining the activities carried out over the previous period, and opportunities for further co-operation among the Parties.

Article V Amendment

The Parties may agree to modify this Memorandum of Understanding anytime by written amendment signed by their authorized representatives.

Article VI. Duration and termination

This Memorandum of Understanding is made for a period of five years from the date of its entry into force, unless a written notice of termination is given by one of the Parties prior to the expiration of the five-year term. In such a case the termination shall take effect three months after the date of receipt of the written notification to the other Parties.

Completed in two copies,

Date:...2017-05-08....

Date:...2017-05-08....



Dr Yoshi Ohno

President

International Commission on
Illumination



Dr Beat Jeckelmann

Chairperson European Association of
National Metrology Institutes