

3rd Road Surface Symposium

SURFACE Closing event

Euramet, the European Association of National Metrology Institutes, funded in 2017 within the European Metrology Programme for Innovation and Research (EMPIR) the project 16NRM02 **SURFACE** "Pavement surface characterisation for smart and efficient road lighting".

Task of **SURFACE** consortium was to solve the current shortcomings on road surface photometry knowledge: providing an analysis of the current state of measurement devices and methods, ensure the traceability chain on luminance coefficient measurements, building a database of current pavements reflectance, suggesting new measurement geometries and investigating additional aspects for road users safety needs related to visual conditions and pavement reflectance knowledge.

Main objective is to provide CIE and CEN with new reference data of present road surfaces, new reference geometries for pavements measurement useful for all road users.

SURFACE is ending June 2020, during the CIE Division 4 the SURFACE consortium will present to Stakeholders, CIE TC4-50 members and road lighting communities (designers, managers, IT,...) the results achieved at the end of the 3 years project.

Venue: **CIE Division 4 Ostrava**

Date: **May 20**, from 10:00 to 15:30

Topics

10:00	SURFACE project in numbers: funds, man months, field of research	<i>P. Iacomussi - INRIM</i>
10:15	Overview on quantities, geometries, instruments and measurement methods, including instruments developed within the SURFACE	<i>J. Bernasconi - METAS</i>
10:45	Uncertainty of luminance coefficient: impact and tools for evaluation	<i>D. Renoux - LNE</i>
11:15	Spectral behavior of Road surfaces: impact on road lighting and instruments	<i>G. Rossi - INRIM</i>
11:45	The NMI work: intercomparison on luminance coefficient and reference materials	<i>P. Iacomussi - INRIM</i>
12:15	SURFACE database and SURFACE test set	<i>V. Muzet - Cerema</i>



12:45	The stakeholders experience: main stakeholder achievements during SURFACE project	<i>M. Lindgren - RISE</i>
13:15	Lunch Break	
14:00	Geometries of measurements: needs and SURFACE achievements including energetic impact and virtual simulation	<i>V. Muzet - Cerema</i>
14:30	SURFACE guidelines and dissemination of the results	<i>M. Lindgren - RISE</i>
15:00	Open discussion	

Please note:

Registration to CIE meeting in Ostrava is required.