

REGISTRATION FORM

Last Name _____

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Signature & date

Please, send the registration form to Local Organizing Contact:

Elisabetta Melli
INRIM Torino, Italy
Tel. +39 011 3919524
Email: e.melli@inrim.it
Fax: +39 011 346384

You can also register online at:

<http://www.inrim.it/CIE2008road/files/registration.html>

REGISTRATION

The registration must be performed by

1st July.

Please send the enclosed registration form to:
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REGISTRATION FEE

Registration fee for the whole symposium is

200 Euro

The registration fee includes:

Lunches
Coffee Breaks
Symposium Dinner (9 July night)
CD-ROM Proceedings

How to pay

By Cash
at the registration desk

By Bank Transfer
Unicredit Banca, TO XX Settembre, account number 505654,
account name "Istituto Nazionale di Ricerca Metrologica"
IBAN code IT30M0200801046000000505654,
SWIFT code UNCRIT 2BBD4
please send a copy of the bank order to
e.melli@inrim.it, fax +39 011 3919 525)

By Credit Card
Please visit
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International Symposium on Road Surface Photometric Characteristics: Measurement Systems and Results

9 – 10 July 2008
Torino, Italy

Starhotels Majestic
Corso Vittorio Emanuele, 54



<http://www.inrim.it/CIE2008road>



ISTITUTO
NAZIONALE
DI RICERCA
METROLOGICA



International Symposium on Road Surface Photometric Characteristics: Measurement Systems and Results

Torino, 9 – 10 July 2008

The **CIE Division 4 “Lighting and Signalling for Transport”** in collaboration with **INRIM** (Istituto Nazionale di Ricerca Metrologica) and **CERTU** (Centre d'études sur les réseaux, les transports, l'urbanisme et les constructions publiques) organizes:

International Symposium on Road Surface Photometric Characteristics: Measurements Systems and Results

The symposium will be a great opportunity to discuss the importance of road surface photometric characteristics in nowadays lighting engineering and to evaluate the state of the art and future trends of instrumentation for its characterisation.

The symposium main goals are:

- **to provide a detailed and update description of the existing measurement systems and their acquisition methodologies**
- **to face the new research on measurement methodologies and systems**
- **to discuss about relevant measurement problems**
- **to give to researchers and lighting engineers the possibility to compare different technical solutions both for in situ and in laboratory characterisations**
- **to gather the recent data of current materials and evaluate their impact on the road lighting performances**
- **to help lighting designers on the evaluation of road surface characteristics and on their importance in the plant design**

The outcome of the symposium will be utilized for future works in Division 4, especially, for CIE reportships R4-30 “Measuring systems for in-situ road characteristics” and R4-32 “Reflection properties of road surfaces”

Venue

The symposium will be held at:

**Starhotels Majestic
Corso Vittorio Emanuele, 54 Torino 10123, Italy**

9 July

8.45	Registration
9.30	Opening: G. Rossi (Italy), C. Chain (France) Symposium co-chairs
9.50	Introduction paper D. Schreuder (Netherlands), <i>The reflection properties of road surfaces its characterisation and measurement</i>
10.40	Coffee Break
	Session I Measurement systems Chairperson: C. Chain (CERTU, France)
11.00	V. Muzet (France), <i>Colourote: a mobile goniophotometer to characterize the road surface photometry</i>
11.30	M. Laurent (France), <i>Characterisation of Road Surfaces using Memphis mobile gonio reflectometer</i>
12.00	D. Schreuder (Netherlands), <i>A portable reflectometer for on road measurements. Experiences from Netherland</i>
12.30	P. Soardo (Italy), <i>The measurement of road surface photometric characteristic through a visual photometer</i>
13.00	Lunch at the hotel
	Session II Measurement Systems and impact Chairperson: P. Iacomussi (Italy)
14.10	P. Fiorentin (Italy), <i>An automatic system for on site measurements of the luminance coefficient of paving</i>
14.40	C. Rocca (Italy), <i>Generalized formulae in luminance calculations: is r- parameter still useful?</i>
15.20	K. Narisada (Japan), <i>Influences of reflection properties of road surface on Revealing Power</i>
15.50	F.C. Chan (Hong Kong), <i>Measurement of tunnel lighting performance</i>
16.20	Coffee Break
16.40	Closing discussion of the day Chairperson: G. Rossi (Italy) <i>Tools, measurement methods and systems, accuracies in the measurement of road photometric characteristics</i>

20.00

Symposium Dinner

Timetable

10 July

9.00	Opening: G. Rossi (Italy), C. Chain (France) Symposium co-chairs
9.20	Introduction paper C. Chain (France), <i>Impact of real road photometry on public lighting installation</i>
	Session III Influences on lighting design Chairperson: G. Rossi (Italy)
10.00	E. Dumont (France), <i>Are standard tables R still representative of reflection properties of road surface in France?</i>
10.30	A. Ekrias (Finland), <i>Effects of aggregate type on pavement reflectance properties</i>
11.00	Coffee Break
11.20	P. Ixtaina (Argentina), <i>Argentinean road surface characterization</i>
11.50	P. Fiorentin (Italy), <i>The effects of the careless use due the standard r-table on the design of lighting installation</i>
12.20	H. Huijben (Netherlands), <i>CIE Reporter on Energy Saving</i>
13.00	Lunch at the hotel
	Session IV Photometric Properties and r-tables format Chairperson: D. Schreuder (Netherlands)
14.10	R. Gibbons (USA), <i>The influence of pavement reflection on the visibility of objects</i>
14.40	C. Chain (France), <i>R-tables for other observation angles: specific needs for two applications in the field of public lighting</i>
15.20	J. Lecocq (France), <i>Road luminance measurements with digital camera</i>
15.50	H. Demirdes (France), <i>A simple method for easy determination of the average luminance coefficient q0 of road surfaces in road lighting</i>
16.20	Coffee Break
16.40	Closing discussion of the day Chairperson: C. Chain (France) <i>The need of new standards, the requirements to adjust the CIE standards on Q0, the extension of r-tables to other angles of observation and incidence, new possible research subjects</i>
17.30	Closing remarks G. Rossi (Italy), C. Chain (France) Symposium co-chairs