



International Commission on Illumination  
Commission Internationale de l'Eclairage  
Internationale Beleuchtungskommission



# MIDTERM MEETING VIENNA, AUSTRIA

**CIE2025** July 4–11, 2025

**SCIENTIFIC CONFERENCE:** July 7-9, 2025

**AUSTRIA CENTER VIENNA**

## About CIE 2025

[The International Commission on Illumination \(CIE\)](#) is delighted to invite you to join us for the **CIE Midterm Meeting Vienna 2025 (CIE 2025)**, taking place from **July 4-11, 2025**, in the beautiful city of Vienna. This prestigious event will gather the global community in light and lighting, offering a unique opportunity for professionals, researchers, and enthusiasts to come together and advance our understanding and application of light. The **CIE Scientific Conference** will run **7-9 July, 2025 (Welcome Reception: 6 July, 2025)**. The Scientific Conference will be preceded by the **CIE General Assembly and other administrative meetings** from **July 4-6, 2025**, and followed by the **CIE Divisions and Technical Committee (TC) meetings** on **July 10-11, 2025**.

**CIE2025 Official Website:** <https://vienna2025.cie.co.at/>

## Scientific Conference (July 7-9, 2025)

The CIE 2025 Midterm Meeting will feature the **CIE Scientific Conference (July 7–9, 2025)** taking place at the **Austria Center Vienna**, with the **Welcome Reception** hosted by the **City of Vienna** on the **evening of July 6** at the historic **Vienna City Hall**. Be sure to take advantage of the **Early Bird rates**, available until **May 1, 2025**. For detailed information on registration fees, please visit our [Fees and Payment page](#).

### [REGISTER HERE](#)

The three-day scientific conference will bring together the CIE community and its stakeholders to discuss key advancements in the science and technology of light and lighting. At the conference, we will cover a wide range of topics across all [six CIE Scientific Divisions](#), including light and health, digitalization in metrology, light pollution, the impact of AI on lighting, controls, and measurement, along with many other relevant subjects.



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## Keynotes

**[Prof. Stephen Westland](#)** (GB) – Professor of Colour Science and Technology at the School of Design, University of Leeds

**Talk title:** Advances in AI for the colour industry

**[Dr. Dietmar Hager](#)** (AT) – Accomplished Austrian Astro-photographer at the Stargazer Observatory

**Talk title:** The multifaceted impacts of light pollution

**[Prof. George Brainard](#)** (USA) – Director of the Light Research Program and Professor of Neurology and Neuroscience at Thomas Jefferson University

**Talk title:** Light and human health

## Workshops

As part of the Scientific Conference, we will host a series of workshops covering wide range of important topics from the CIE divisions, with several workshops exploring topics from multiple disciplines.

- **Personal Colour Management for Display Devices and Consumer Products**  
Convener: Ronnier LUO
- **HDR Imaging for Assessment of Glare and of Obtrusive Light**  
Convener: Jan WIENOLD, Constantinos BOUROUSSIS, Johannes LEDIG
- **Tailoring Indoor Lighting Requirements to Meet Users' Needs**  
Convener: Anna PELLEGRINO
- **Rapid Revision of CIE 115 Lighting of Roads for Motor and Pedestrian Traffic**  
Convener: Steve FOTIOS
- **Electric Light Effect on Insects**  
Convener: David SLINEY
- **Academic & Professional Lighting Education**  
Convener: Luoxi HAO

The full list of speakers, along with workshop abstracts and descriptions is available [here](#).

## Draft overview of the Scientific Conference Programme

The table below provides an overview of the three-day conference schedule to give attendees a general idea of the event. Please note that all details are subject to change. Throughout the conference, three parallel oral presentation sessions will run simultaneously in different rooms.

In addition to the draft conference program provided below, the following events are also scheduled: (exact times will be available at a later stage):

**Conference Welcome Reception:** On the evening of Sunday, July 6, 2025, at the Vienna City Hall.



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**CIE 2025 Gala Dinner:** On the evening of Tuesday, July 8, 2025, at Wolke 19, Ares Tower.  
**Networking Event for Students:** On the evening of Monday, July 7, 2025, at Dschungel Café Fürstenhof, Museumsquartier.

Take a look at the [Social Events](#) page for more detailed information and latest updates.

#### Monday, July 7, 2025

Start	End	Programme
09:00	09:15	Conference Opening
09:15	10:15	Keynote 1
10:15	10:45	Coffee Break
10:45	12:25	Parallel Sessions 1-3
12:25	13:25	Lunch
13:25	15:05	Parallel Workshops 1-3
15:05	15:35	Coffee Break
15:35	16:20	Parallel Presented Posters (special session with 5 min oral presentation)
16:20	17:50	Poster Session 1

#### Tuesday, July 8, 2025

Start	End	Programme
08:30	09:30	Keynote 2
09:30	10:00	Coffee Break
10:00	11:40	Parallel Sessions 4-6
11:40	12:40	Lunch
12:40	14:20	Parallel Workshops 4-6
14:20	14:50	Coffee Break
14:50	16:10	Parallel Sessions 7-9
16:10	17:40	Poster Session 2

#### Wednesday, July 9, 2025

Start	End	Programme
08:30	09:30	Keynote 3
09:30	10:00	Coffee Break
10:00	11:40	Parallel Sessions 10-12
11:40	12:40	Lunch
12:40	14:20	Parallel Sessions 13-15
14:20	14:50	Coffee Break
14:50	16:30	Parallel Sessions 16-18
16:30	16:45	Closing

For the most updated version of the program and further details please check [this page](#).

## Divisions and TC Meetings (July 10-11, 2025)

All six Scientific Divisions of the CIE will meet during the Midterm Meeting, and will also hold their Annual Meetings there. The CIE's core scientific work is carried out by its Technical Committees (TCs), which develop standards and technical reports. Many of these TCs will meet in Vienna after the Conference.

For those new to the CIE and interested in getting involved in its scientific work, this is a great chance to interact with leading experts from around the world. The CIE Divisions and Technical Committee (TC) meetings are scheduled for July 10-11, 2025, usually running from 9 am to 5 pm. Exact times and room details will be announced later.

These meetings are open to interested experts, but registration is required, with a separate fee. Registration is integrated into the main [conference registration system](#).

The meetings will take place at the main headquarter of the **WKO (Austrian Economic Chambers)**. This modern facility is centrally located in Vienna, at the Wiedner Hauptstraße. Five meeting rooms have been reserved and will be in constant use throughout the event. The venue offers excellent accessibility, with convenient public transportation links for all attendees.



## Annual Meetings of the Divisions

DIVISION	TITLE
Division 1	Vision and Colour
Division 2	Physical Measurement of Light and Radiation
Division 3	Interior Environment and Lighting Design
Division 4	Transportation and Exterior Applications
Division 6	Photobiology and Photochemistry
Division 8	Image Technology

## Technical Committee (TC) and Joint Technical Committee (JTC) Meetings

TC/JTC	TITLE
TC 1-99	<u>Modelling Two-Dimensional Colour Appearance Scales</u>
TC 1-100	<u>To recommend CAM16-UCS as the CIE Uniform Colour Space</u>
TC 1-101	<u>Influence of ipRGCs on brightness perception</u>
TC 1-102	<u>Method for calculating CIE tristimulus values</u>
TC 1-103	<u>Research Methods for psychophysical studies of discomfort from glare</u>
TC 1-104	<u>Verification of the physiologically-relevant CIE 2006 LMS cone fundamental CMFs and their linear transformation the 2015 XYZ CMFs</u>
TC 2-47	<u>Characterisation and Calibration Methods of UV Radiometers</u>
TC 2-81	<u>Update of CIE 065:1985 (Absolute Radiometers)</u>
TC 2-85	<u>Recommendation on the geometrical parameters for the measurement of the Bidirectional Reflectance Distribution Function (BRDF)</u>
TC 2-89	<u>Measurement of Temporal Light Modulation of Light Sources and Lighting Systems</u>
TC 2-91	<u>Optical Measurement Methods of LED Packages and LED Arrays</u>
TC 2-95	<u>Measurement of Obtrusive Light and Sky Glow</u>
TC 2-96	<u>Revision of ISO/CIE 19476: 2014 Characterisation of the performance of illuminance meters and luminance meters</u>
TC 2-97	<u>Revision of CIE S 025/E:2015 Test Method for LED Lamps, LED Luminaires and LED Modules and its supplement</u>
TC 2-99	<u>Standard File Format for Electronic Transfer of Optical Radiation Data for Luminaires, Lamps and LED modules</u>
TC 2-100	<u>Software Validation Spectra, Derived Quantities and Metrics</u>
TC 3-60	<u>Spectral Daylight Characteristics</u>
TC 3-61	<u>Review of regional daylight requirement to assess the feasibility of global harmonization</u>
TC 3-62	<u>Resilient Lighting</u>
TC 3-63	<u>Decision scheme to determine lighting requirements for indoor environments</u>
TC 4-50	<u>Road Surface Characterization for Lighting Applications</u>
TC 4-53	<u>Tunnel Lighting Evolution</u>
TC 4-59	<u>Guide for Lighting Urban Elements</u>



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TC 4-62	<u>Adaptive Road Lighting</u>
TC 8-18	<u>Guidelines for Definition and Evaluation of High Dynamic Range Images and Image Sequences</u>
JTC-05	<u>Review of IEC 62471/CIE S009</u>
JTC-13	<u>Depreciation and Maintenance of Lighting Systems</u>
JTC-20	<u>Wearable alpha-opic dosimetry and light logging methods, limitations, device calibration and data schemes</u>
Q&A session	Q&A session with CIE VPT and TM for new TCCs as well as Division Editors during CIE2025

### Discussion Meetings for Potential Future TC Work

POTENTIAL TC	TITLE
Potential TC for Division 1	Verification of the physiologically-relevant CIE 2006 LMS cone fundamental CMFs and their linear transformation the 2015 XYZ CMFs
Potential TC for Division 8	Standardization for Display Color Consistency
Potential TC for Division 8	Measuring the non-uniform aspects

### Research Fora (RF)

RF	TITLE
RF-03	Matters Related to Colour Rendition
RF-05	Implementation of CIE 2006 Cone Fundamentals in Photometric and Colorimetric Measurements
RF-06	Toward a new CIE Reference Observer non-biological
RF-08	Possible Effects of Daylight and Indoor Lighting on Circadian Rhythms of the Skin
RF-09	Myopia and Light

### Event Supporters

We sincerely thank our CIE 2025 Midterm Meeting supporters for their generosity and commitment to advancing lighting science and technology globally. Their contributions play a vital role in the success of our event.





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## About the CIE

The CIE offers the largest global network and forum for sharing the latest research and technological advancements in the various fields of light and lighting. It plays a pivotal role in developing international standards that guide the use of equipment and systems and in educating industry members and the public. Members of the CIE are leaders in their fields, and both they and their employers gain significant benefits from engaging with this unique and long-standing scientific organization.

Our research agenda is linked to 12 of the 17 UN Sustainable Development Goals (SDGs), highlighting the critical role that light and lighting play in people's lives, health, and safety.

CIE Scientific Conferences are held every two years, as part of the regular schedule of CIE Sessions and Midterm Meetings. The conference itself runs for three full days plus Welcome Reception, while the entire event runs for eight days in total with the CIE General Assembly and other administrative meetings beforehand and the CIE Division and Technical Committee meetings following the Scientific Conference.