

PROGRAMME

TO KEEP IN THE KNOW
ABOUT **LED TECHNOLOGY**
AND **ITS APPLICATIONS**

10th EDITION

REGISTRATION

www.lighting-days.com – enter the **code LGPFL**
Special low rate before January 15, 2019

10th edition being held in conjunction with Lighting Days, the big gathering on lighting and LED technology

KEEPING IN THE KNOW ABOUT LED TECHNOLOGY AND ITS APPLICATIONS

ForumLED Europe is a genuine shop window for innovation. For ten years now, this congress has been a converging point for the whole of the LED technology ecosystem. As a major European congress in this field, ForumLED Europe hosts a comprehensive schedule of conferences dedicated to LED technology and its applications.

The speakers come from laboratories, from businesses at the forefront, and from specialist public institutions. They will be laying bare the issues and sharing their future view of the market and LED technology.

*Conference languages: English and French
with simultaneous interpretation.*

10 YEARS OF CONGRESSES!

The 2019 edition will be a chance to celebrate ForumLED Europe's 10 years of existence: **A unique occasion for the whole of the LED community to get together!** Experts from within the community will be chairing high-power conferences in order to deliver answers to questions on progress in LEDs and thereby adapt the technology to the market's future challenges.

SCIENTIFIC COMMITTEE

Programme devised by a scientific committee comprising the members below:



Jean-Yves Duboz
Director of CRHEA-CNRS (hetero-epitaxy research and applications centre) – FRANCE



Margherita Suss
Chairman of AIDI (Associazione Italiana di Illuminazione) – ITALY



Ivan-Christophe Robin
CTO Display Division
ALEDIA - FRANCE



George Zissis
Deputy director
LaPlaCe Laboratory (plasma and energy conversion laboratory) University of Toulouse – FRANCE



THE PROGRAMME AT A GLANCE

WEDNESDAY, 13th FEBRUARY

10:00 - 10:30 Welcome and coffee

10:30 - 11h00 Opening speech

11:00 - 12:00 Session 01
LED technology: state of the art and trends

12:00 - 14:00 Lunch break & exhibition visit

14:00 - 15:30 Session 02
**Technology at the service of the smart city:
the stakes - smart lighting, Li-Fi, IoT, etc.**

15:30 - 16:00 Coffee break & exhibition visit

16:00 - 17:00 Session 03
Low-key lighting: quality vs quantity
Session organized by CCFLED (LED end-customer club)

17:00 - 18:00 Session 04
**Developments and latest cutting-edge
trends in display and micro display**

THURSDAY, 14th FEBRUARY

09:00 - 10:00 Session 05
**Standards, regulations, and measures: a
rundown on LED technology**

10:00 - 10:30 Coffee break & exhibition visit

10:30 - 12:00 Session 06
**Onboard lighting: full beam on LED
technology**

12:00 - 14:00 Lunch break & exhibition visit

14:00 - 15:00 Session 07
Disruptive technology: UV LEDs

15:00 - 15:30 Coffee break & exhibition visit

15:30 - 16:30 Session 08
**LEDs in horticulture: when LED technology
optimizes plant cultivation**

16:30 - 18:00 Session 09
**Health & Digital: innovating with LED
technology**

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PARTNERS



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@LightingDays19

PROGRAMME DETAILS

WEDNESDAY, 13th FEBRUARY

10h00 – 10h30 Welcome and coffee

10h30 – 11h00 Opening speech

11h00 – 12h00 Session 01

LED technology: state of the art and trends

- **LED physical principles, performance, and limits**
Jean Yves DUBOZ, Research director
CRHEA-CNRS
- **From visible to UV and IR: niche markets are gaining momentum in the LED industry**
Pars MUKISH, Business unit manager - Solid state lighting (SSL) and display
YOLE DÉVELOPPEMENT
- **The new ZHAGA - addressing true interoperability**
Dee DENTENEER, Secretary General
ZHAGA CONSORTIUM

12h00 – 14h00 Lunch break & exhibition visit

14h00 – 15h30 Session 02

Technology at the service of the smart city: the stakes—smart lighting, Li-Fi, IoT, etc

Chairman : Rodolphe MICHEL, Secretary general - SMART LIGHTING ALLIANCE

- **Li-Fi & terabits per second**
Jorge GARCIA, Research engineer
OLEDCOMM
- **Multi-vendor interoperability and future-proofing: The jargon that matters**
Jim KATSANDRES, AI & Internet of things executive
BLUETOOTH
- **From smart lighting to smart city services**
Luc CHANSON, Head of business development
KAWANTECH
- **Cell-based Lifi deployment challenges and solutions**
Dimitri KTÉNAS, head of Wireless Technologies Department
CEA LETI

WEDNESDAY, 13th FEBRUARY

15h30 – 16h00 Coffee break & exhibition visit

16h00 – 17h00 Session 03

Low key lighting: quality vs quantity

Session organized by CCFLED – the LED end-customer club

Chairman : Nicolas MARTIN, Manager of LVMH lighting (LVMH group environment department) - LVMH Lighting

- Gil RIMENSCHNEIDER, Manager of the Space improvement project entity
RATP
- Aurélien RODON, Manager of the Electrical equipment infrastructures centre
AÉROPORTS DE PARIS
- Nicolas MARTIN, Manager of LVMH lighting (LVMH group environment department)
LVMH Lighting

17h00 – 18h00 Session 04

Developments and latest cutting-edge trends in display and micro display

Chairman : Philippe MARCEL, Engineer - Interregional Director South East - CAP'TRONIC

- **Mini- and micro-LED displays: hype and reality**
Pars MUKISH, Business unit manager - Solid state lighting (SSL) and display
YOLE DEVELOPPEMENT
- **Latest display technology developments**
Sylvie JOLY Business Developer in Displays Leti Optics and Photonics Division
CEA LETI
- **OLED microdisplays**
Gunther HAAS, CTO & co-founder
MICROOLED

THURSDAY, 14th FEBRUARY

09h00 – 10h00 Session 05

Standards, regulations, and measures: a rundown on LED technology

Chairman : Jean-Yves DUBOZ, Director - CRHEA/CNRS (hetero-epitaxy research and applications centre)

- **From colour rendering index to colour fidelity index: evolving standards and applications**
Sophie JOST, Lecturer and researcher
ENTPE
- **Advent of light pollution regulations: sweeping changes in outdoor lighting practice**
Christophe MARTINSONS, Lighting & electromagnetic fields division manager
CSTB
- **Photometry, Colorimetry, and the IES in 30 seconds**
Grégoire SAGET, Laser sales engineer
ACAL BFI
- **International standards and their recognition**
Jean-Yves GAUDEMER, Engineer
LNE (National metrology and testing laboratory)

10h00 – 10h30 Coffee break & exhibition visit

10h30 – 12h00 Session 06

Onboard lighting: full beam on LED technology

Chairman : Sébastien TARDIVON, Consulting Engineer - CAP'TRONIC

- **High definition - The future of LED Based automotive lighting**
Wilk GONÇALVES, Expert on lighting – Head of innovation
PSA
- **GiroNac LED for motorcycle directional headlight**
Pedro CRESCENCIO, CEO
GIRONAC

12h00 – 14h00 Lunch break & exhibition visit

THURSDAY, 14th FEBRUARY

14h00 – 15h00 Session 07

Beyond light with LEDs: UV applications

Chairman : Jean Yves DUBOZ, Research director - CRHEA-CNRS

- **Biological effects of ultraviolet radiation and sterilization opportunities**
Dr Thierry DOUKI, Deputy laboratory director – Acting installation head
CEA
- **UVLED : Current status and perspectives**
Guy FEUILLET, Research Director
CEA LETI
- Mickaël GUIO, Managing director
ALFAA FRANCE SARL

15h00 – 15h30 Coffee break & exhibition visit

15h30 – 16h30 Session 08

LEDs in horticulture: when LED technology optimizes plant cultivation

Chairman : Sébastien TARDIVON, Consulting Engineer - CAP'TRONIC

- **Applications and prospects for LED lighting in algaculture: the spirulina case**
Urbain NIANGORAN, PhD
LABORATOIRE LAPLACE – TOULOUSE 3 UNIVERSITY
- **Adaptative horticultural lighting system**
Benoit HAMON , Senior Consultant
PI LIGHTING

THURSDAY, 14th FEBRUARY

16h30 – 18h00 Session 09

Health & Digital: innovating with LED technology

Chairman : Sébastien TARDIVON, Consulting Engineer - CAP'TRONIC

- **Some aspects of LED sanitary effects**

Dina ATTIA, PhD

ANSES

- **Chromatic potential of LED lighting applied to lighting design for gerontology**

Estelle GUERRY, PhD undergraduate in colour and light design

LABORATOIRE LAPLACE – TOULOUSE 3 UNIVERSITY

- **Age-related Macular Degeneration: Toxic Wavelengths for retinal cells In The Solar Spectrum.**

Serge PICAUD, Research Director

INSERM

- **Human Centric Lighting – make it easy. From high sophisticated science to user-friendly application**

Dieter LANG, R&D Expert Human Centric Lighting

LEDVANCE

CONTACT

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GL events Exhibitions

59 Quai Rambaud, 69002 Lyon - France

LOCATION

EUREXPO LYON

Boulevard de l'Europe, 69686 Chassieu,
(near Lyon) - France

REGISTRATION

On www.lighting-days.com – enter the code **LGPFL**
Special low rate before January 15, 2019

Your ForumLED Europe congress registration fee includes

- + Access to the congress
- + Access to the Lighting Days exhibition
- + Access to the Lighting Days conferences
- + Meals and coffee breaks
- + Transcription of all the talks via e-mail after the event

RATES (ex-VAT):

- > 2-day pass: €450
- > 1-day pass: €250

Special low rate for all bookings
before January 15, 2019

- > 2-day pass: €350

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