

Symposium topics

Topics include but are not limited to:

- New Light sources, Lighting System Technologies and Associated New Materials
- Smart Lighting Systems (Lighting Controls, Dynamic Lighting, Communicating Lighting Systems, Lighting for Smart Cities...)
- Human Centric Lighting, Quality of Lighting and Effects on Human Wellbeing, Health and Productivity, Societal Life Cycle Assessment
- Lighting and Visual Environment
- Physical and Psychological Effects of Light on Humans (Visual and non-Visual Effects, Glare and TLA issues)
- Effects of Artificial Lighting on Natural Resources and Eco-System (including Life Cycle Assessment and Environmental Impact studies, Light Pollution of the Skies and Impact of Artificial Lighting to the Fauna and Flora)
- Lighting Design and Scenic Lighting, Horticultural and Husbandries Lighting
- Non-lighting applications (UV-disinfection, curing, bio-medical...)
- New Economic Models for Lighting Industry (e.g. Light as a Service)
- Regulations, Guidelines & Public Policies dedicated to Lighting Systems

Target Technologies include but are not limited to:

Solid State Lighting systems (LED, OLED, Lasers, UV-LEDs), Lighting controls and electronic control gears, Sensors, Visual Light Communications, LiFi Technology, Internet of Things, Indoor and Outdoor lighting, Automotive Lighting. UV and far-UV sources technologies (dielectric barrier lamps, UV-C LEDs...) for non-lighting applications.

Supporting organisations



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857061.



Conference committees

International Scientific Committee:

Honorary Chair: Robin Devonshire (UK) | **Chair:** Georges Zissis (Toulouse University, France) | **Secretary:** Stuart Mucklejohn (Ceravision, UK) | **Members:** Kanji Bando (Nichia Co, Japan) | Alessio Corazza (SAES Getters SpA, Italy) | Rudy Geens (Havells-Sylvania, Belgium) | Peter Hanselaer (KU Leuven, Belgium) | Masafumi Jinno (Ehime University, Japan) | Bob Karlicek (Rensselaer Polytechnic Institute, USA) | Leos Kukacka (Technical University of Liberec, Czech Rep.) | Mu-Qing Liu (Fudan University, PR. China) | Mark Rea (Icahn School of Medicine Mt. Sinai, USA) | John Stocks (Independent Lighting Consultant, UK) | Ching-Cherng Sun (National Central University, Taiwan) | Nickolai Timofeev (St Petersburg State University, Russian Federation) | Takeo Yasuda (Toshiba Lighting and Technology Corp, Japan)

Local Organising Committee:

Chair: Georges Zissis (Toulouse University) | **Secretary:** David Buso (Toulouse University) | **Treasurers:** Jean-Jacques Gonzalez (CNRS) and Jean-Pierre Gex (ARMIR) | **Web Master:** Yann Cressault (Toulouse University) | **Members:** Philippe Arguel (Toulouse University) | Laurent Canale (CNRS) | Pascal Dupuis (Toulouse University) | Gérald Ledru (Toulouse University) | Dominique Mary (Toulouse University) | Alexandre Le Roch (IAS) | Marc-André Mequignon (Toulouse University) | Alexandre Poutignat (Kawantech) | Marc Ternisien (Toulouse University)

With the participation of: Bruno Lafitte (ADEME, France) | Ales Richter (Technical University of Liberec, Czech Rep.)



2nd Announcement and Call for Papers

LS:17



17th International Symposium on
Science and Technology of Lighting

NOVEMBER 8-10th, 2021
Université Toulouse III – Paul Sabatier,
Toulouse, France

Online Paper Submission OPENS: January 22nd, 2021

Paper Submission DEADLINE: April 23rd, 2021

Registration OPENS: June 1st, 2021



Organized by the **University of Toulouse III – Paul Sabatier** and the **IEEE-IAS Toulouse Student Branch Chapter IA34** in the frame of the **European funded R2P2 project**

Technical co-sponsorship



<https://eedal-ls21.sciencesconf.org/>

Scope of the Symposium

The International Symposium on the Science and Technology of Lighting (LS) aims to provide an excellent forum for scientists and engineers worldwide, in both academia and industry, to share and exchange the latest progress on the Science and Technology of Lighting. LS has a more than 40-year history since the 1st LS (LS1) in 1975 in Loughborough, United Kingdom. LS used to be held every three years, such as LS7 in Kyoto (1995), LS8 in Greifswald (1998), LS9 in Ithaca (2001), LS10 in Toulouse (2004), LS11 in Shanghai (2007), LS12 in Eindhoven (2010). Since LS13 in Troy (2012), LS has become a series of biennial symposiums, followed by LS14 in Lake Como (2014), LS15 in Kyoto (2016), LS16 in Sheffield (2018). In November 2021 will be the 17th time that this event will recombine. Especially for this time, LS17 will be **collocated with the 11th International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL)**. Both conferences will be held at the campus of University of Toulouse III – Paul Sabatier, France.

The aim of this collocation is to bring the two communities in contact: the LS community, which has been active in lighting systems, expanding to smart and human-centric lighting, and the EEDAL community, which has been focusing, on among others, energy efficiency for domestic appliances including lighting. This joint event will provide a unique forum to discuss and debate the latest developments in energy and environmental impact of residential appliances and lighting, heating and cooling equipment, electronics, smart appliances, smart meters, consumer behaviour, the policies and programs both adopted and planned. This interaction will give birth, for sure, to new successful collaborations.

LS17 important dates*

December 15th 2020	Second announcement and call for papers
January 22nd 2021	Opening of contributed paper online submission
April 23th 2021	Deadline for online contributed paper submission
May 31th 2021	Notification of paper acceptance
June 1st 2021	Opening of registration
September 15th 2021	Deadline for early registration
November 8th – 10th 2021	LS17 & EEDAL in Toulouse

*Dates are subjected to change according sanitary conditions



Symposium venue

Toulouse, “the French pink city”, is a modern European metropole with more than 2,000 years of history. The city is known as the European aerospace capital and also for its hospitality traditions, quality of life and gastronomy.

The conference will take place in Marthe Condat Auditorium in the 124-ha campus of University of Toulouse III – Paul Sabatier. University campus is located 7 km from Toulouse downtown and it can be reached easily by metro line B (20 minutes).

Registration fees

	Until 15th September 2021	From 15th September 2021
Regular delegate*	550 €	750 €
Delegate from developing country**	300 €	300 €
Student*	300 €	300 €
Accompanying person***	100 €	100 €

* Registration fees give access to both LS17 and 11th EEDAL conferences, it includes access to the lectures, both conference proceedings, coffee breaks, work lunches, social event and gala dinner.

** Upon request. The special rate applies to academic participants from developing countries, subject to approval from LS17/EEDAL secretary.

*** Accompanying persons are welcome to and will be registered for the duration of the conference including social event and gala dinner

REGISTRATION OPENS: JUNE 1st, 2021

Travel

The city of Toulouse is easily accessible from most major European cities. Toulouse-Blagnac International airport is located 16 km from downtown (40 minutes ride by tram line) and is served by Air France, KLM, Lufthansa, British Airways, Iberia, TAP, EasyJet, Turkish airlines... with regular flights to many major international airports (Paris, London, Amsterdam, Frankfurt, Munich, Madrid, Lisbon, Roma, Istanbul...). Regular high-speed trains link Toulouse to Paris (4h30 ride) and other major French cities (Bordeaux, Marseille, Nice...).

For more information about intranational and domestic travel, as well as, accommodation and hotels in Toulouse, please see <https://eedal-ls21.sciencesconf.org/>

For international travellers, please ensure that you have the proper documentation to travel into the European Schengen Area. Please contact us at eedal-ls21@laplace.univ-tlse.fr should you need a **formal invitation letter** when applying for travel visa to Schengen Area.



Contributed paper submission

Contributed papers must be in English and should report original work, completed or in progress, connected with the science and technology of lighting. The length of submitted contributed papers, including figures and references, should be 4 pages maximum.

Paper submission, fully online, opens January 22nd, 2021. Information on submission procedure and paper templates can be found in <https://eedal-ls21.sciencesconf.org/resource/page/id/13>

Authors of contributed papers can select either **poster or oral** presentation. The international Scientific Committee may **elevate**, with the agreement of authors, **selected contributed papers to “landmark” level**.

PAPER SUBMISSION DEADLINE
APRIL 23th, 2021

Publication

All submitted papers will be peer reviewed by the International Scientific Committee. Accepted papers will be included to the conference proceedings. The proceedings volume will be published in electronic form by the conference leading sponsor organisation and **all papers will be listed by IEEE Xplore®** which enables invited and contributed papers to be referenced with an individual DOI number. Extended papers will be eligible for submission, after the conference, to IEEE Transactions of Industry Applications or to a MDPI special issue.

Further information

Please visit <https://eedal-ls21.sciencesconf.org/> for more details and the latest conference news. You can also contact the LS17-2021 secretariat at eedal-ls21@laplace.univ-tlse.fr

