

LIGHT CON

23-24 JUNE 2021
HANNOVER | GERMANY

INTERNATIONAL
CONVENTION FOR
LIGHTWEIGHT SOLUTIONS

SUBMISSION
DEADLINE
**10 DEC
2020**

Call for Papers

WWW.LIGHTCON.INFO



Deutsche Messe



Founding
Partner

CALL FOR PAPERS

LIGHTCON | 23 – 24 JUNE 2021

LightCon is the first solution-oriented cross-material and cross-technology platform for all user sectors of lightweight construction. Two full days of conference program with top-class keynotes, panels and lectures and a trade fair with exciting showcases and live presentations as well as a special evening event are waiting for you!

MOTTO: “Sustainability needs Lightweight Design”

Sustainability, eco-efficiency and reduction of CO₂-emissions are key topics that have arrived at the heart of society. In order to advance towards a greener future, the industry has to be highly innovative and must develop new technologies, which is a big challenge, but also a great chance at the same time. Lightweight Design is a key technology in this regard: “Sustainability needs Lightweight Design”.

FOCUS TOPICS

Material Solutions

- Lightweighting Materials (Steel, Aluminum, Magnesium, Wood, Composites...)
- Hybrid Lightweight Material Solutions
- Renewable Raw Materials
- Self-healing Materials

Sustainable Engineering & Design

- Digital Process Chain (CAE | CAD | CAM)
- Simulation | Digital Twin
 - Functional Integration
 - Design for Additive Manufacturing
 - Bionic Design
 - Design for Circular Economy

**Sustainability
needs
Lightweight
Design**

Manufacturing Innovations

- Sustainable Manufacturing Processes
- Additive Manufacturing
- Digitalisation | Artificial Intelligence
- Agile Process Management
- Resource and Energy Efficiency

Applications & Use Cases

- The Solutions for:
- Mobility
 - Construction Industry
 - Other Industries
 - CO₂ Reduction, CO₂ Capture
 - Recycled Materials

FURTHER INFORMATION AND CONDITIONS

Lectures of high quality are expected that focus on a novel technical aspect or an innovation. Make sure to emphasize your technical innovation and the added value and benefits to the industry. Keep commercial aspects to a minimum. The presentation is neither intended to be a commercial talk, nor should it be too scientific with detailed equations or models.

The conference program will be held in English.

Therefore, please provide your information in English only. The presentation time for each lecture is about 15 minutes plus 5 minutes for Q&A.

All abstracts submitted will be reviewed by a board of experts from industry, science and excellence clusters. An overview of the **advisory board** members can be found online at

→ www.lightcon.info/advisoryboard

Speakers participate free of charge at the whole event (one person per lecture). Travel expenses will not be refunded. The number of speakers is limited for organisational reasons. Speakers agree that photos and film material of them may be produced and published in print/ online publications.

DATA PRIVACY POLICY

The current data protection declaration of Deutsche Messe AG with details of how we process your personal data in accordance with the General Data Protection Regulation of the EU (GDPR) can be found at: www.messe.de/en/privacy-policy.

The information here also covers your rights under the GDPR and other information. In addition, the personal data you provide will also be forwarded to our founding partner Composites United e. V. for the coordination and control of the Call for Papers procedure and to the advisory board for reviewing the applications (Art.6 (1) b GDPR).

CONTACT

For organisational matters:

LightCon Team
Deutsche Messe AG
Tel. +49 511 89-31156
lightcon@messe.de

For content-related matters:

Dr. Bastian Brenken, *Technical Director*
Composites United e.V.
Tel. +49 4141 40740-15
bastian.brenken@composites-united.com

Submission Deadline: 10 December 2020

Finalisation of the program: February 2021

You will find the **application form** on the following two pages.



YES, I want to contribute to LightCon 2021 staged under the motto **Sustainability needs Lightweight Design with a lecture.**

Please choose one topic:

Material Solutions

Sustainable Engineering & Design

Manufacturing Innovations

Applications & Use Cases

Live Demonstration (optionally):

YES, I would like to combine my lecture with a follow-up live demonstration at my booth in the exhibition area.

TITLE OF THE LECTURE (max. 100 characters incl. blanks)

ABSTRACT (max. 2,000 characters incl. blanks)

Please describe the content of your lecture with a focus on technical innovations and solutions in a concise way.

KEYWORDS

Please enter 2-3 keywords that describe the content of your lecture.

NOVELTY & RELEVANCE OF THE LECTURE (max. 200 characters incl. blanks)

Please highlight the novelties and innovations of your presented topic and point out what the applications are.

AUXILIARY MATERIAL

Please provide relevant figures, tables, photos/videos etc. that support the significance of your topic as links. Alternatively, you may submit auxiliary material as one combined file by email. Multiple attachments will not be considered.

SPEAKER BIOGRAPHY (max. 500 characters incl. blanks)

Please supply relevant experience and qualifications related to the proposed lecture. Additional references (e.g. a short video, homepage) can be provided as links.

CONTACT INFORMATION

Complete Name (incl. title, if necessary)

Position

Company / Organization

Street / P.O. Box

Postal Code / Town / Country

Phone / Mobile

E-Mail

Shape LightCon 2021 and send your application to

➔ lightcon@messe.de

**SUBMISSION
DEADLINE
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2020**



Deutsche Messe

ORGANIZER

Deutsche Messe AG
Messegelände
30521 Hannover
Germany

Tel. +49 511 89-0
info@messe.de
www.messe.de

PARTNERS

Unter der Schirmherrschaft des



Bundesministerium
für Wirtschaft
und Energie

