

# »INVITATION« LIGHTWEIGHT SYMPOSIUM 2020

## »WINNING STRATEGIES IN INNOVATIVE LIGHTWEIGHT DESIGN«

Friday, 7<sup>th</sup> of February 2020

in Mondorf-les-Bains, Domaine Thermal,  
Salle L'Orangerie

LUXEMBOURG

### 1. The LIGHTWEIGHT SYMPOSIUM in LUXEMBOURG

- Presentation of market and technology study „SPACE 2020 – Winning strategies in innovative lightweight design“
- Highly reputed and renowned lightweight construction experts eager to share their knowledge.
- ART and LIGHTWEIGHT consciously combined
- Lightweight construction event with balanced mixture of lectures
- Lightweight construction exhibits on defined exhibition areas
- Participants from middle and upper management from the:  
*space industries,  
automotive industry,  
aviation industry  
other industrial, mobility sectors.*
- National and International Event
- Event in English language
- An evening event with a moderated wine tasting

### 2. Organizers AMC and GRADEL

AUTOMOTIVE MANAGEMENT CONSULTING GmbH was founded in 2001. AMC is a highly qualified technology, consulting and training company for (ultra) light-weight construction and innovator of xFK in 3D. GRADEL SARL, founded in 1965, started in 2008 to develop special purpose machines and tailored made solutions for the space domain. GRADEL has provided equipment among others for Alphabus, EDRS, Electra, Esail, Euclid, Eurostar Neo, ExoMars, Juice, Moon Mission M4, MTG, Proba3, SGEO, Solar Orbiter.

### 3. Topic Contributions, (»speakerslots«)

- Presentation of space market study “SPACE 2020”
- Lightweight industry sectors and technologies
- Trends, Innovation & Design
- Lightweight Technology
- What Industry can learn from Space and Vice Versa
- Competent professional exchange
- Intensive & relevant networking
- Sustainable and competitive integration of lightweight construction solutions

### 4. Partner of the event



Supportet by LSA



LUXEMBOURG  
SPACE AGENCY



### 5. Reservation & Registration

E-Mail: [xFKin3D@gradel.lu](mailto:xFKin3D@gradel.lu)

Phone: 00352 39 00 44 - 24

<https://www.gradel.lu/lightweight-symposium/>

**NUMBER OF PARTICIPANTS LIMITED**

Fill in the registration preform

Registration is only valid at receipt of payment



## 6. Program

- 08:00** Arrival of participants at the "Orangerie" of the Domaine Thermal
- 08:30** Moderation: Mr. Olaf Freier, Global Brand Director, Reed Exhibitions
- 08:45** Welcoming speech: Mr. Mario Grotz, Director General for Research, Intellectual Property and New Technologies, Ministry of Economy, Luxembourg
- 09:00** Welcoming speech/Q&A: Mr. Werner Loscheider, Head of Division, Lightweight and resource efficiency of the Federal Ministry for Economic Affairs and Energy, Germany
- 09:40** Pioneer the new Space Frontier: Mr. Marc Serres, CEO, Luxembourg Space Agency
- 10:15** Keytalk: Constanze von Nell-Breuning, Head of Marketing, AMC / Jeroen Bleekemolen, professional race driver
- 10:50** **PAUSE**
- 11:10** SPACE 2020-Study: Mr. Claude Maack Director General Gradel sàrl / Mr. Dr.-Ing. Claus Bayreuther, Lightweight expert, AMC
- 12:00** Qualification of Lightweight for Space, Dr. Henri Perrin, LIST Composite Platform Leader
- 12:30** **Walking lunch**
- 13:45** Lightweight in Aeronautics: Mr. Peter Pirklbauer, Head of Emerging Technologies & Concepts, AIRBUS Operations GmbH
- 14:30** Lightweight in Automotive



- 15:15** **PAUSE with moderated EXHIBITOR ROUND**
- 15:45** Lightweight, Past Present Trends
- 16:35** Lightweight from Customer view, constellations, Mr. Vahid Joroughi, Communication Solution Architect at Gomspace.
- 17:00** Lightweight from Customer view, large & medium SATs, Mr. Jean-Pierre Choffray, System Architecture & Innovation at SES
- 17:45** „Lessons learned“ (Podiumdiscussion / Moderation by Mr. Olaf Freier: Mr. Maack, Mr. Bleekemolen, Mr. Pirklbauer, SPACE-Expert)
- 18:15** **End of conference**
- 19:30** Common dinner at the "Orangerie",



accompanied by moderated **wine tasting** from the Domenikaner winery of Nell-Breuning.



## 7. Prices

The participation fee includes drinks, refreshments during breaks, walking lunch and a dinner with a moderated wine tasting.

- Participation fee 790,-- EURO plus VAT.
- Exhibitor stand 1.950,-- EURO plus VAT. (incl. participation fee for 2 persons).

## 8. Accommodation

Mention «**LIGHTWEIGHT SYMPOSIUM**»

### Hôtel Mondorf Domaine Thermal

Avenue des Bains  
L-5601 Mondorf-les-Bains  
Luxembourg  
Mail to: [s.jacob@mondorf.lu](mailto:s.jacob@mondorf.lu)  
[www.mondorf.lu](http://www.mondorf.lu)  
Tel: +352 23 666 256

Single ROOM Fee: 155,00 €,  
Breakfast included  
Access to the Wellness & Fitness space

### Hôtel-Résidence Am Klouschter Sàrl

8 avenue Marie Adélaïde  
L-5635 Mondorf-les-Bains  
Luxembourg  
Mail to: [info@amklouschter.lu](mailto:info@amklouschter.lu)  
[www.amklouschter.lu](http://www.amklouschter.lu)  
Tel: +352 27 99 1000

Single ROOM Fee: 94,00 €  
Double ROOM Fee: 134,50 €  
Double/Twin ROOM Fee: 148,00 €

(Reservations to be managed and paid directly by the participants)