»INVITATION«

LIGHTWEIGHT SYMPOSIUM 2020

»WINNING STRATEGIES IN INNOVATIVE LIGHTWEIGHT DESIGN«

Friday, 7th 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

xFK in 3D
Eine Marke der AMC

Supportet by LSA

C. von Nell-Breuning
Dominikaner Weingut

LSN LUXEMBOURG SPACE AGENCY

5. Reservation & Registration

E-Mail: **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 Plateform Leader

12:30 **Walking lunch**

13:45 Lightweight in Aeronautics: Mr. Peter Pirklbauer, Innovation Manager Emerging Technologies, AIRBUS

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 form 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
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
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)

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