

2018

AGENDA

TUESDAY, 12 JUNE 2018

17.30 h – 19.00 h Welcome Get Together

WEDNESDAY, 13 JUNE 2018

8.00 h Registration & handover of conference documents

9.00 h Welcome & conference introduction

Dr. Sibylle Freitag, Automotive Circle, DE

9.15 h Lightweight design in the age of the electric vehicle

German

Prof. Dr.-Ing. Udo Müller, Hochschule für Angewandte Wissenschaften Würzburg Schweinfurt; Prof. Christoph Wagener, Kirchhoff Automotive GmbH & Co. KG, DE

10.00 h The relevance of lightweighting EVs with aluminum

English

Dr. Axel Förderreuther, Novelis Deutschland GmbH, DE

10.30 h ☕ Coffee & Contacts & 🐾 Meet the Speakers

11.00 h FOREL study 2018: resource efficient lightweighting for mobility

German

Prof. Dr. Gerson Meschut, Paderborn University, DE

11.30 h 🗨️ PANEL DISCUSSION

12.00 h 🍴 Luncheon & 🐾 Meet the Speakers

13.30 h Innovative structural components out of aluminium and magnesium produced in high pressure die casting

German

Dominik Flierl, Hochschule Aalen, DE

14.00 h NextGen Space Frame 2.0: lightweight engineering in aluminum with additive manufacturing for ultra-flexible manufacturing

German

Dr. Martin Hillebrecht, EDAG Engineering GmbH, DE; Peter Scheller, Siemens Industry Software GmbH; Martin Feuerstein, Constellium Singen GmbH

14.45 h Lifecycle assessment of novel technologies in the automotive sector

English

Marcos Ierides, Bax & Company, ES

15.15 h ☕ Coffee & contacts & 🐾 Meet the Speakers

15.45 h ⚙️ WORKSHOP

Future Car Body? Challenge accepted!

17.15 h The Renault Symbioz

English

Jean Michel Demaldent, Christophe Favreau, Renault SAS, FR

18.00 h End of first conference day

18.30 h 🐾 Get Together

19.00 h 🍷 Networking Night

THURSDAY, 14 JUNE 2018

8.45 h Innovative layout solutions to increase flexibilities in the future body shop 4.0

English

Martin Cüppers, Ingenics AG, DE

9.15 h Process monitoring for production of stamped parts: an approach for established and new process routes

English

Christian Palm, Schuler Pressen GmbH, DE

9.45 h Bionic optimization: neural networks and biological evolution as models for solving technical problems

German

Prof. Dr. Michael Herdy, inpro, DE

10.30 h ☕ Coffee & contacts & 🐾 Meet the Speakers

11.00 h Introducing the Rinspeed Snap concept car

English

Dobrivoje Jovanovic, Sika Automotive AG, CH

11.30 h Door concepts for autonomous vehicle car bodies

German

Lars Reimer, Volkswagen AG, DE

12.00 h The future of mobility in the cities: goals and challenges of urban development, (public) space and environmental quality

English

Dr. Kirstin Lindloff, Deutsches Institut für Urbanistik, DE

12.30 h 🍴 Luncheon & 🐾 Meet the Speakers

13.45 h Future urban vehicle architectures and body in white structures: challenges and potentials

English

Marco Münster, Deutsches Zentrum für Luft- und Raumfahrt e.V., DE

14.15 h Flexible body shop for e-mobility

English

Dr. Georg Bergweiler, RWTH Aachen University, DE

14.45 h Safe and cost efficient: lightweight steel battery housing for EV

German

Dr. Daniel Nierhoff, thyssenkrupp Steel Europe AG, DE

15.15 h Innovative breakthroughs on EV body architecture

English

Sergio Faria, Xavier Valencia, Gestamp, ES

15.45 h Conclusion and farewell

Dr. Sibylle Freitag, Automotive Circle, DE

16.00 h End of conference

Subject to change (Status as of 4 June 2018)



PROGRAMME UPDATES AT
WWW.AUTOMOTIVE-CIRCLE.COM