

FORMING IN CAR BODY ENGINEERING 2021

VIRTUAL CONFERENCE

TUE / SEPT 28

CEST
(UTC+2)

9.45 H **Welcome and conference introduction**

Dr. Dirk Meine, Automotive Circle, DE

PROGRESS IN FORMING TECHNOLOGIES I

10.00 H **Casting of the Mercedes-Benz Longitudinal Beam**

Takashi Kimura, Mamoru Mike Mizoguchi, Kimura Foundry Co. Ltd., JP



ca 10.30 H [Meet the Speakers online](#)

10.45 H **Extreme light-weighting with the innovative HDF-Technology**

Prof. Jürgen Hirsch, Aluminium Consulting; Peter Amborn, HoDforming GmbH; DE

ca 11.15 H [Meet the Speakers online](#)

11.30 H **Blow forming developments for complex shape aluminium and magnesium alloy body panels**

Leonardo Daniele Scintilla, Fontana Group, IT

ca 12.00 H [Meet the Speaker online](#)

12.15 H **INTERACTIVE NETWORKING BREAK**



PROGRESS IN FORMING TECHNOLOGIES II

13.00 H **Intelligent rollforming makes processing of UHSS alloys manageable**

Christoph Grüllich, Dr. Tilman Traub, Dreistern GmbH & Co. KG, DE

ca 13.30 H [Meet the Speakers online](#)

13.45 H **Magnetic Pulse Forming process integration on a Renault press line to sharpen radii on outer panels**

Jean-Charles Boutin, bmax, FR

ca 14.15 H [Meet the Speaker online](#)

14.30 H **New press line concept (to be confirmed)**

N.N., Groupe PSA/Stellantis, FR

ca 15.00 H [Meet the Speakers online](#)

15.15 H **End of the day's program of presentations**

VIRTUAL NETWORKING (OPEN END!)



FORMING IN CAR BODY ENGINEERING 2021

VIRTUAL CONFERENCE

WED / SEPT 29

CEST
(UTC+2)

9.45 H **Welcome and conference day introduction**

Dr. Dirk Meine, Automotive Circle, DE

TOOLING INNOVATIONS

10.00 H **Press mold automatic design program through computer coding**

Yeongjin Ko, Jongmin Youn, Hyundai Motor Company, KR

CA 10.30 H [Meet the Speakers online](#)

10.45 H **Enabling new tooling concepts by high morphological quality powder for extremely cost-effective high-performant metal additive manufacturing**

N. Bleher, Innomaq21 S.L.; Isaac Valls, Rovalma S.A., ES

CA 11.15 H [Meet the Speakers online](#)

11.30 H **INTERACTIVE NETWORKING BREAK**



MANAGING LUBRICATION

12.15 H **How important is advanced friction modelling for cold and hot stamping sheet metal simulations?**

Sanaz Behramani, PhD, Tribiform Engineering B.V., NL

CA 12.45 H [Meet the Speaker online](#)

13.00 H **Reduced forming lubricant usage in the press shop as a green approach: a prelube of the 2nd generation as an environmentally friendly lubricant solution for current challenges in the automotive industry**

Dr. Bernd Aha, Carolin Kroll, Zeller+Gmelin GmbH & Co.KG, DE

CA 13.30 H [Meet the Speakers online](#)

13.45 H **High speed fluorescence imaging – Inline measurement of blank and strip metal lubrication**

Dr. Alexander Blättermann, Fraunhofer Institute for Physical Measurement Techniques IPM, DE

CA 14.15 H [Meet the Speaker online](#)

CONCLUSIONS AND OUTLOOK

14.30 H **The conference's OEM Advisory Board experts on current challenges to be addressed for future car body parts production.**

CA 14.45 H **Conclusive remarks, farewell address and end of the conference program**

VIRTUAL NETWORKING (OPEN END!)



*Conferene program is subject to change
Status as of: July 27th, 2021*