

Global Giga-Casting Congress - Program

Universität Kassel, March 5 to March 6, 2025

1. DAY - March 5, 2025

9.00	Registration and Exhibition
10.00	Welcome and opening Prof. Dr.-Ing. Martin Fehlbier, Universität Kassel, GTK (DE) Prof. Dr. Michael Wachendorf, Universität Kassel, Vizepräsident (DE)
10.30	Contribuion Platinum-Sponsor: FILL Gesellschaft m.b.H
10.45	HPDC in Body in White - OEM strategies and global market perspectives Sebastian Lüttig, SCHLEGEL & PARTNER, (DE)
11.15	LK GIGA-Casting 2.0 Gao Zhan, L.K. Technology (CN), Christian Platzer, TPI Technology GmbH (AT)
11.45	HONGTU Strategy for GIGA-Casting Gary Yao, Guangdong HONGTU Technology (holdings) Co., Ltd. (CN)
12.15	LUNCH & EXHIBITION
13.30	GF Strategy for GIGA-Casting Georg Neuschütz, GF Casting Solutions AG (CH)
14.00	Honda's MEGA-Casting and aluminum alloy recycling initiatives Kosuke Dateki, HONDA R&D Co. Ltd., (JP)
14.30	Addressing Large Structural Casting Challenges at Ford Alan Gonzalez, FORD Motor Company (US)
15.00	Technology trends and potentials for GIGA-Casting Martin Hartlieb, VIAMI International Inc. (CA)
15.30	COFFEE BREAK & EXHIBITION
16.15	Mg-Thixomolding for Automotive & Ultra-Large Structural Applications Stefan Fritsche, YIZUMI Die Casting and Metal Forming (CN)
16.45	GIGA-Casting Activities: One Stop Solution at Sciveda Tina Zhou, Ningbo SCIVEDA Technology Co., Ltd. (CN)
17.15	Final word Prof. Dr.-Ing. Martin Fehlbier, Universität Kassel, GTK (DE)
19.00	Foundry-Evening and conference dinner "Alte Brüderkirche" (Old Brothers Church), Kassel

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2. DAY - March 6, 2025

8.30	Registration and Exhibition
9.00	Welcome and opening Prof. Dr.-Ing. Martin Fehlbier, Universität Kassel, GTK (DE)
9:20	Contribution Gold-Sponsor: Støtek A/S & BILA A/S
9.30	Large castings in the global purchasing environment: opportunities and risks Frank Wimmer, BMW AG (DE)
10.00	Large Sized Parts - Right Sized Machines - The Volkswagen Approach Benjamin Marks, VOLKSWAGEN AG (DE)
10.30	Think Big! Growing potential for large parts in HPDC Stefan Kneer, ALBERT HANDTMANN Metallgusswerk GmbH & Co. KG (DE)
11.00	MEGA-Casting status at VOLVO CARS: Foundries, Environmental Impact, Part Improvements, Cost Reductions Klaus Hansen, VOLVO Car Corporation (SE)
11.30	COFFEE BREAK & EXHIBITION
12.15	Low carbon footprint Aluminum HPDC Alloys for large Structural Components Dr. Stuart Wiesner, Aluminium RHEINFELDEN Alloys GmbH (DE)
12.45	How to convince existing car makers using Big Structural Parts up to MEGA-Casting Michael Cinelli, BÜHLER AG (CH)
13.15	Optimizing Gigacastings with Total Cost of Ownership in Mind Philipp Hettich, LAUBINGER + RICKMANN GmbH & Co. KG (DE)
13.45	LUNCH & EXHIBITION
15.00	Latest developments and solutions at MEGA/GIGA-HPDC moulds Siegfried Heinrich, SCHAUFLEER Tooling GmbH & Co. KG (DE)
15.30	Variothermal process control for future thermal management in permanent mold casting Alexander Haban, Prof. Dr.-Ing. Martin Fehlbier, Universität Kassel, GTK (DE)
16.00	PODIUM DISCUSSION
17.00	Final word Prof. Dr.-Ing. Martin Fehlbier, Universität Kassel, GTK (DE)