

TUESDAY | 13TH MAY 2025

| TIME | TRACK 1 | TRACK 2 | TRACK 3 |
|------------------|---|---|--|
| 09:00 - 10:00 am | REGISTRATION // NETWORKING IN THE EXHIBITION // WELCOME COFFEE | | |
| 10:00 - 10:15 am | OPENING: Christian Seidel & Michael Eichmann - Chair of the Advisory Board | | |
| 10:15 - 11:00 am | KEYNOTE I How Additive Manufacturing can push future aerospace applications - Karl-Heinz Dusel // MTU Aero Engines | | |
| 11:00 - 11:30 am | COFFEE BREAK // NETWORKING IN THE EXHIBITION | | |
| | FORUM AEROSPACE | VDMA FORUM: AM4INDUSTRY ENABLING + USING ROBOTICS | FORUM SCIENCE |
| 11:30 - 12:00 am | NANOSATELLITE 'ERNST' - TOPOLOGY OPTIMIZATION Aron Pfaff // Fraunhofer EMI | MECHANICAL SUPPORT REMOVAL Uwe Schulmeister // toolcraft AG | RADIO FREQUENCY QUADRUPOLE PROTOTYPE Stefan Brenner // Universität der Bundeswehr |
| 12:00 - 12:30 am | AM OF ROCKET ENGINE COMPONENTS Steffen Beyer // Ariane Group | ROBOTICS INDUSTRIALIZED ADDITIVE MANUFACTURING Maximilian Vogt & Karsten Heuser // Fraunhofer IAPT & Siemens | CERTIFICATION APPROACH FOR AM METAL AIRCRAFT COMPONENTS Wolfram Groh // TU Dresden |
| 12:30 - 01:45 pm | LUNCHBREAK // NETWORKING IN THE EXHIBITION | | |
| 01:45 - 02:05 pm | ADDITIVELY MANUFACTURED HYDRAULIC COMPONENTS Svenja Pestotnik // Liebherr-Aerospace Lindenberg | SCALING AM LIGHTWEIGHT ROBOT GRIPPER DESIGNS Conrad Zanzinger & Dennis Nier // Schubert Additive Solutions & Siemens | AM OF WEAR RESISTANT TOOL COMPONENTS Leon Engelhardt // Rheinische Hochschule Köln |
| 02:05 - 02:25 pm | LPBF FOR COMBUSTION CHAMBER SEGMENTS Angelika Jedynak // CHESCO | AUTOMATION AND ROBOTICS IN THE FOOD INDUSTRY Hendrik Schonefeld & Luuk Wissink// Additive Industries & K3D | NOVEL FIBER-COUPLED PHOSPHOR THERMOMETRY Hanna Schönraht // Universität Duisburg-Essen |
| 02:25 - 02:45 pm | ADVANCEMENT OF 3D-PRINTED POLYMER TECHNOLOGIES Erik de Zeeuw // Materialise NV | INNOVATIVE ADDITIVE MULTI-MATERIAL GRIPPER SOLUTIONS Martin Neff // ARBURGadditive | POLYBUTYLENE TEREPHTHALATE FOR LPBF OF POLYMERS Simon Cholewa // Universität Erlangen-Nürnberg |
| 02:45 - 03:05 pm | COMBINATION OF 3D-PRINTING & INVESTMENT CASTING Rainer Sabisch // Howmet Aerospace - TITAL | GRIPPER SYSTEMS FOR AUTOMATED SERIES PRODUCTION Jan-Steffen Hötter // Lightway | FLAME RETARDANT SYSTEM FOR POLYAMIDE 12 IN SLS Paul Roumeliotis // Universität Erlangen-Nürnberg |
| 03:05 - 03:25 pm | INNOVATIVE ECO-EFFICIENT WINGTIP Carsten Holze // Pioneer Aeronautics Innovation | LPBF TO INCREASE EFFICIENCY OF ROBOT HANDLING SYSTEMS Friedemann Lell & Michael Brand // DMG MORI Additive & Wilhelm Böllhoff | GREEN PART PROPERTIES AS DESIGN DRIVER David Stachg // Hochschule Hamburg |
| 03:25 - 03:45 pm | SPEAKER PLENARY SESSION | SPEAKER PLENARY SESSION | MECHANICAL ISOTROPIC MATERIAL EXTRUSION PRINTING Verena Witt // NEW AIM3D GmbH |
| 03:45 - 04:15 pm | COFFEE BREAK // NETWORKING IN THE EXHIBITION | | |
| 04:15 - 04:55 pm | PANEL DISCUSSION: Internationalization of the AM markets - Stakes and Threats - Bernhard Langefeld // Roland Berger | | |
| 04:55 - 05:05 pm | OPENING AND EXPLANATION TECHNICAL DEEP DIVES TOUR | | |
| 05:10 - 09:00 pm | CLOSING OF CONGRESS DAY ONE IN HALL 2 05:10 - 06:10 pm - Technical Deep Dives Tour 06:15 - 07:15 pm - AM Science Poster Slam 06:00 - 09:00 pm - After Work - after all! | | |