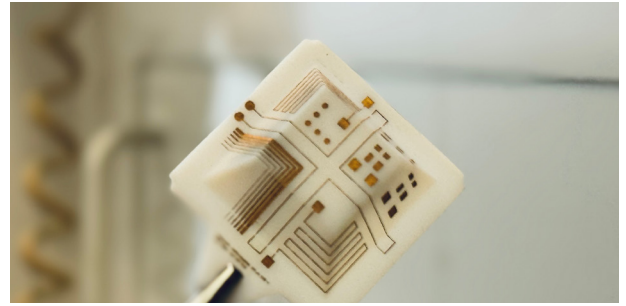


MID Summit & MID Workshop

23rd – 24th October 2024

Stuttgart, Germany



Wednesday 23rd – Thursday 24th October 2024

Daily from 9 AM till 5 PM

Invitation

MID Summit & MID Workshop 2024: A Joint Event by Hahn-Schickard & 3-D MID e.V.

Following the very successful joint event organized by Hahn-Schickard and 3-D MID e.V. in 2022, we are excited to announce that we will once again be hosting this event together this year. Join us for an industry get-together on October 23rd and 24th in Stuttgart.

This two-day event will feature expert presentations from industry and research on new MID applications and technologies, alongside presentations from innovative start-up companies. Additionally, there will be a poster session displaying current research projects, as well as a trade exhibition. Furthermore, participants will have the opportunity to engage in variety of workshops on MID-related topic.

Do not miss the opportunity to gain new insights and exchange ideas. Register for the event here: <https://www.3d-mid.de/en/events-1/mid-summit-the-platform-for-mid-technologies/>

If you are interested in presenting your institute or company at the trade exhibition with a table top presentation, please register here (Please note that the number of slots is limited.): <https://www.3d-mid.de/en/events-1/mid-summit-the-platform-for-mid-technologies/registration-mid-summit-mid-workshop/>

We look forward to your visit!



Technical Presentations



Poster Sessions



Trade Exhibition

MID Summit & MID Workshop

23rd – 24th October 2024
Stuttgart, Germany



Program

Wednesday, 23rd October

9:15 AM Welcome by Prof. André Zimmermann, Hahn-Schickard and Prof. Jörg Franke, 3-D MID e.V.

9:30 AM Opening with Keynote

- Applications + Technologies**
- 10:00 AM Design, manufacturing and clinical use of a game-changing 3D MID medical microsensor optimized for automated assembly
Berit Brosvik, Sensocure AS
 - 10:30 AM SolarTAP - A technology acceleration platform for emerging PV technology from the lab to the fab
Wolfgang Mildner, MSWtech
 - 11:00 AM to be defined
 - 11:30 AM Additive manufacturing in power electronics
Dr. Thomas Stoll, TUM School of Engineering and Design

12:00 PM Networking, Exhibition and Poster Session of Current Research Projects

- Applications + Technologies**
- 1:00 PM Next generation low loss & plateable LCP solutions
Otmar Bade, Celanese GmbH
 - 1:30 PM Cold active plasma metallization for power electronics
Dr.-Ing. Stefan Stegmeier, Siemens AG
 - 2:00 PM 3D Ceramic circuits: Applications & benefits going beyond electronics
Frederik Luppens CERcuits BV
 - 2:30 PM Microscopy, spectroscopy and materials data to advanced sodium based solid state batteries
Prof. Silke Christiansen, Fraunhofer Institute for Ceramic Technologies and Systems IKTS
 - 3:00 PM Assembly and connection technologies on 3D-capable substrates
Kai Werum, Hahn-Schickard

3:30 PM General Meeting of 3-D MID e.V. and Alternative Offer for None Members

4:30 PM Networking, Exhibition and Poster Session of Current Research Projects

5:30 PM Evening Event, Catering and Drinks

Thursday, 24th October

9:30 AM Opening with Keynote by Prof. Alexander Brem, Institute of Entrepreneurship and Innovation Science (ENI)

- Start-up companies**
- 10:00 AM Tagless traceability for MIDs
Dr. Benedikt Wigger, Detagto GmbH
 - 10:15 AM Test methods for aluminium flex layer substrates
Martin Muckelbauer, Powerlyze GmbH
 - 10:30 AM Laboratory automation for R&D in printed electronics
Tobias Stubhan, Sciprios GmbH
 - 10:45 AM Digitally qualify circuit board layouts and THT soldering processes
Dr. Reinhardt Seidel, DEEPTRONICS GmbH
 - 11:00 AM Production technology for coil modules for inductive power transfer
Maximilian Kneidl, Seamless Energy Technologies GmbH
 - 11:15 AM Printed electronics - managing quality challenges
Wolfgang Mildner, TestCenter MSWtech/ BayflexSolutions
 - 11:30 AM Advanced manufacturing technologies for 3D printed electronics
Dr. Martin Hedges, Neotech AMT GmbH

12:00 PM Networking, Exhibition and Poster Session of Current Research Projects

- 1:00 PM Individual Workshops: Choose your Topic
- Design theory and similarity mechanics
 - New research areas for MID
 - 3D construction technology in power electronics
 - Printed 3D electronics

3:00 PM Networking, Exhibition and Poster Session of Current Research Projects

3:30 PM Summary of Workshop Results

4:00 PM Summary of the Event and Outlook by Prof. André Zimmermann, Hahn-Schickard and Prof. Jörg Franke, 3-D MID e.V.