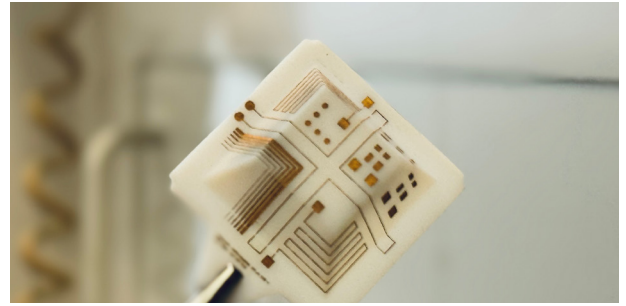


# MID Summit & MID Workshop

23<sup>rd</sup> – 24<sup>th</sup> October 2024

Stuttgart, Germany



Wednesday 23<sup>rd</sup> – Thursday 24<sup>th</sup> October 2024

Location: ARENA 2036, Pfaffenwaldring 19,  
70569 Stuttgart

## 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 23<sup>rd</sup> and 24<sup>th</sup> 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/>

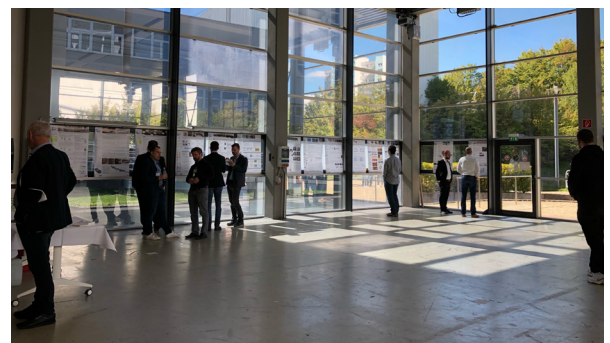
We look forward to your visit!



Technical Presentations



Poster Sessions



Trade Exhibition

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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	Atmospheric plasma spray of copper on semiconductor chips Manuela Ockel, Lehrstuhl für Fertigungsautomatisierung und Produktionssystematik (FAPS)
	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

Workshops	13:00 AM	Individual Workshops - Choose your Topic:
		<ul style="list-style-type: none"><li>• Design theory and similarity mechanics</li><li>• New research areas for MID</li><li>• 3D construction technology in power electronics</li><li>• Printed 3D electronics</li></ul>

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.