

MSE 2022

27 - 29 September 2022
Hybrid Congress - Darmstadt & Online

DIGITAL TRANSFORMATION IN MSE

dgm.de/mse

The German Materials Society (DGM) flagship event – the Materials Science and Engineering Congress (MSE) – will be held as Hybrid Congress from 27 to 29 September 2022. With typically more than 1,500 participants, the biannual MSE is one of the largest English-speaking congresses in the field of Material Science and Engineering across Europe. Over the past decade, MSE has become an international platform for materials science and engineering experts to present their research to a large international community and network across borders.

Widely acclaimed for its topical contents and international outlook, MSE 2022 will look over the 100 successful years of DGM as a guarantor for the systematic development of materials science and materials engineering. The past editions of MSE congresses have successfully integrated the expertise and interest of the participants to develop a world-class technical program. MSE 2022 will live up to this tradition through its carefully chosen symposia and plenary speakers and expand the scope of materials technologies from scientific aspects to include the questions of societal and economic impacts.

The technical program of MSE 2022 will feature world-renowned experts, who will deliver plenary, keynote, and thematic talks throughout the congress. In addition, poster sessions will be organized to give the younger participants a chance to present their research and interact with their professional peers.

We are looking forward to welcoming you to MSE 2022!

The Congress Chairs



Prof. Dr. Martina Zimmermann

Fraunhofer Institute for Material and Beam Technology
IWS Dresden, Germany

Prof. Dr. Gerhard Schneider

Aalen University of Applied Sciences -
Technology and Economics, Germany

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Congress Office

Deutsche Gesellschaft für Materialkunde e.V.
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53757 Sankt Augustin, Germany
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mse@dgm.de

Join us for the lectures, symposia, and meeting points offered for the **Digital Transformation** in MSE 2022:

Plenary Lecture

Machine Learning for Materials Property Prediction

Prof. Dr. Dane Morgan

*Dept. Materials Science and Engineering, University of Wisconsin
- Madison, USA*

Thursday, 13:30, Audimax

Symposia

C07

On Software Tools for Materials Characterization and Their
Integration Into FAIR Research Data Infrastructures

Thursday, 09:20 – 15:40, Room 123

I04

Digitalization and Circular Materials

Wednesday, 16:00 – 17:20, Room ULB

M04

Digital Materials: Experiments, simulation workflows, ontologies
and interoperability

Tuesday – Thursday, Audimax

M08

Materials Acceleration Platforms for future materials design

Thursday, 16:00 – 17:20, Room A03

Social meeting area

Meet us at our booth area on-site. The area is a joint venture of
NFDI MatWerk and Plattform MaterialDigital



FULL PROGRAM OF MSE 2022

Look forward to an extensive program with over **750 lectures**
and more than **200 posters** by authors from over **40 countries**.

<https://dgm.de/mse/2022/program>

ABOUT DARMSTADT

Darmstadt has been officially dubbed a "City of Science" since 1997, which underscores the national and international significance of Darmstadt in fields of science and research. The recognition granted by the title signifies the great scientific potential contained within the city and its citizens as well as the great number of scientific institutions and companies performing research. This power is also evident in the workplace: in no other German city are there so many citizens employed in research and development as in Darmstadt. To ensure to carry on with this legacy in future the next generation of high level experts is being developed at the Technical University Darmstadt and two further colleges.

CONGRESS VENUE

Since 2010, the Materials, Science and Engineering Congress (MSE) has been held every two years at the Technical University of Darmstadt, Germany. After the pandemic break in 2020, MSE2022 will take place as a hybrid event at TU Darmstadt.

The Technical University of Darmstadt is a synonym for excellent, relevant science. Global transformations – from the energy transition via Industry 4.0 to artificial intelligence – are posing enormous challenges. The University is playing a crucial role in helping to shape these far-reaching processes of change with outstanding insights and forward-looking study opportunities.

Since the University was founded in 1877, they have been one of Germany's most international universities; as a European technical university, they are committed to European values and European integration. Their home is the metropolitan region Frankfurt-Rhine-Main. With their partners in the Alliance of Rhine-Main Universities, they continue the development of this globally attractive science location.

Their cutting-edge research is pooled in three fields: Energy and Environment, Information and Intelligence, Matter and Materials. Large-scale, problem-based interdisciplinarity involving the engineering sciences, natural sciences, humanities and social sciences is the hallmark of our research and study. They foster intensive, productive interaction with society, business and politics. Such collaborative polyphony generates effective, long-term progress towards sustainable development worldwide.

Technical University Darmstadt

Karolinenplatz 5
64289 Darmstadt
Germany

BOOK YOUR PARTICIPATION

ON-SITE TICKETS*

These tickets cannot be booked separately without a catering package!

PERSONAL DGM MEMBER	599€
DGM COMPANY/INSTITUTE MEMBER	649€
REGULAR	699€

ON-SITE TICKETS - YOUNG SCIENTISTS*

Bachelor, Master and PhD Students up to 30 years (proof required). These tickets cannot be booked separately without a catering package!

PERSONAL DGM MEMBER	349€
DGM COMPANY/INSTITUTE MEMBER	399€
REGULAR	449€

ONLINE TICKETS**

PERSONAL DGM MEMBER	279€
DGM COMPANY/INSTITUTE MEMBER	299€
REGULAR	329€

*On-site tickets include:

the possibility to watch all contributions on-demand for 14 days after the congress | catering package:

- Coffee breaks (Tuesday, Wednesday, Thursday)
- MSE Party (Wednesday)

**Online tickets include:

the online participation through a browserbased web congress platform and the possibility to watch all contributions on-demand for 14 days after the congress

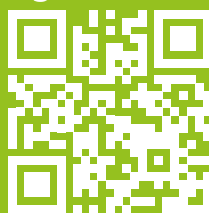


Technische Universität Darmstadt, Germany

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