

We innovate Materials

IC-MPPE for Sustainable and Circular Economy for metallic materials

IC-MPPE for energy transport, storage and conversion

Advanced materials and systems for smart electronics



IC-MPPE 2024

<https://www.ic-mppe2024.org>

The conference will be organised in sessions on the following core topics of the IC-MPPE programme:

- **IC-MPPE for Sustainable and Circular Economy for metallic materials**
 - Accelerated materials design
 - Digital and green production
 - Digitalization and reliability of railway vehicles and tracks
 - Condition monitoring and condition-based maintenance
 - High-end material characterization methods;
- **IC-MPPE for energy transport, storage and conversion**
 - Hydrogen transport and storage;
 - Electrical energy storage and conversion;
- **Advanced materials and systems for smart electronics**
 - Reliability of electronic-based systems
 - Sensor development

Preliminary schedule - day 1 (Thursday, 6.6.2024)

start	end	Thursday, 06.06.2024	Thursday, 06.06.2024
07:30	08:30	On-site registration (office in front of the rooms)	On-site registration (office in front of the rooms)
		Erzherzog Johann Saal	Peter Tunner Saal
08:30	09:00	Opening ceremony & introduction to the IC-MPPE programme	Opening ceremony & introduction to the IC-MPPE programme
09:00	09:00	Accelerated materials design I (Chair: Daniel Scheiber)	Hydrogen transport and storage I (Chair: Vsevolod Razumovskiy)
10:20	10:50	Coffee break	Coffee break
10:50		Accelerated materials design II (Chair: Daniel Scheiber)	Hydrogen transport and storage II (Chair: Vsevolod Razumovskiy)
12:10	13:40	Lunch at the conference venue	Lunch at the conference venue
13:40		Digital and green production I (Chair: Peter Raninger)	Condition monitoring and condition-based maintenance I (Chair: Hans-Peter Gänser)
15:00	15:30	Coffee break	Coffee break
15:30		Digital and green production II (Chair: Peter Raninger)	Sensor development (Chair: Anton Köck)
17:10	17:55	break	break
18:00	19:00	POSTER SESSION	POSTER SESSION
19:00	22:00	Conference Dinner	Conference Dinner

Preliminary schedule - day 2 (Friday, 7.6.2024)

start	end	Friday, 07.06.2024	Friday, 07.06.2024
		Erzherzog Johann Saal	Peter Tunner Saal
08:15		Digitalization and reliability of railway vehicles and tracks I (Chair: Jürgen Maierhofer)	Electrical energy storage and conversion I (Chair: Roland Brunner)
09:35	10:05	Coffee break	Coffee break
10:05		Digitalization and reliability of railway vehicles and tracks II (Chair: Jürgen Maierhofer)	Electrical energy storage and conversion II (Chair: Roland Brunner)
11:25	11:55	Coffee break	Coffee break
11:55		High-end material characterization methods (Chair: Gerald Ressel)	Reliability of electronic-based systems (Chair: Elke Kraker)
13:15	14:45	Lunch	Lunch
14:45		Condition monitoring and condition-based maintenance II (Chair: Hans-Peter Gänser)	Reliability of electronic-based systems (Chair: Elke Kraker)
16:05	16:35	Closing & final Coffee	Closing & final Coffee

Organising committee:

Dr. S. Eck

Dr. W. Ecker

Dr. G. Hackl

Dr. E. Kraker

Dr. G. Ressel

Dr. T. Klünsner

Contact:

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