

15. Saxon Simulation Meeting

We are pleased to invite you to the 15th Saxon Simulation Meeting (SAXSIM), taking place in March 2026 in Chemnitz. This successful and cross-industry event brings together scientists and practitioners to explore the latest developments in CAD, CAE, simulation, and computation. Organized by the Faculty of Mechanical Engineering at Chemnitz University of Technology and professionally supported by the Institute for Mechanical and Industrial Engineering Chemnitz (ICM), the event offers a comprehensive program at the interface of research, development, and industrial application.

New for 2026: A dedicated program committee will support the event for the first time, ensuring both high academic quality and thematic breadth.

The conference is open to a broad professional audience, including users and developers from all simulation domains (CAD/MBS/FEM and beyond). Attendees can look forward to presentations on current research fields, hands-on workshops and a wide range of best-practice examples from academia and industry. [Registration here](#)

CONFERENCE PROGRAM

Pre-Conference Tours & Workshops – March 16, 2026, from 2:30 PM

(Separate registration required at www.saxsim.de)

- (I) Guided tour at ICM Chemnitz – Institute for Mechanical and Industrial Engineering Chemnitz
- (II) Workshop: Simulation of Wind Turbines with alaska/Wind
- (III) Workshop: Motion Digitization via Motion-Capture Technology and Application of the Digital Human Model “Dynamicus”

Meet & Greet – March 16, 2026, from 6:30 PM

Venue: Turm-Brauhaus, Neumarkt 2, D-09111 Chemnitz

Join us in a relaxed setting to network with fellow participants, partners, exhibitors, and organizers. (Food and drinks at own expense; registration via www.saxsim.de)

Main Conference Day – March 17, 2026, from 8:00 AM

Venue: Chemnitz University of Technology

Topics include:

1. Model-Based Systems Engineering
2. Advanced Simulation Approaches (CAE, MBS, FEM, MBD, CFD) in powertrain, machine elements, manufacturing, and plant development
3. Human-Machine Interaction (digital human models and collaborative robotics)
4. AI Applications in Simulation: virtual sensing, surrogate modelling, data analytics
5. Digital Twins for process and product optimization

WORKSHOPS

(I) Guided Tour at ICM Chemnitz

Otto-Schmerbach-Straße 19, 09117 Chemnitz

What to expect:

- Visit of pilot plant and training/application center
- Overview of key research areas and transfer activities
- Best practices from industrial collaborations

(II) Workshop: Wind Turbine Simulation with alaska/Wind

Reichenhainer Str. 90, 09126 Chemnitz

What to expect:

- Current trends in wind turbine load simulation
- Hands-on session with alaska/Wind (limited workstations)
- Open discussion on needs, challenges, and solutions

(III) Workshop: Digitizing Motion Using Motion Capture & Dynamicus Digital Human Model

Reichenhainer Str. 90, 09126 Chemnitz

What to expect:

- Live demonstration using high-precision optical motion capture
- Real-time modeling for multibody simulation
- Combined motion and force measurement
- Robot tracking for evaluation and monitoring

Call for papers

We hereby invite you to contribute a technical presentation to the 15th SAXSIM. Starting this year, there is also the option to submit your abstract for peer review by our expert program committee.

If you wish to have your contribution reviewed, please submit your abstract [using this template](#). Reviewed abstracts will be published in a separate conference proceedings volume.

For contributions without a review request, a shorter abstract of up to 2 A4 pages is sufficient - [please use this template](#).

Please submit all contributions by December 5, 2025.

We also warmly encourage students to present their projects and topics — for example, from thesis work or related research activities. We look forward to receiving your submissions!

We invite **companies, start-ups, and software providers** to participate as exhibitors at our conference. Present your areas of expertise, products, services, and simulation technologies related to CAD, simulation, and computation — and introduce your company **with a short pitch (3–5 minutes)** in the plenary session.

Your benefits:

- Visibility in front of an expert audience from industry and academia
- Exhibition space in the conference area (including table, power supply, and Wi-Fi)
- Listing on the official conference website and in the printed program booklet

Registration:

Please [register here](#) and submit further information by December 5, 2025, including the following information: company name, contact person, short company description (max. 500 characters), Title of your pitch presentation.

Call for exhibitors

CONFERENCE VENUE

Technische Universität Chemnitz, Central Auditorium and Seminar Building, Reichenhainer Str. 90, D-09126 Chemnitz

CONFERENCE FEES

Students (up to Master's level)	free
Program Committee Members & Speakers	50 €
Regular Participants	100 €
Exhibitors (incl. personnel & booth)	500 €

ORGANIZERS

[Professorship of Assembly and Handling Technology](#)
[Professorship Machine Elements and Product Development](#)

University of Technology Chemnitz,
Reichenhainer Str. 70, D-09126 Chemnitz

[ICM - Institute for Mechanical and Industrial Engineering Chemnitz](#)

[GMA-TEC e.V.](#), Association for the Promotion of Gear, Mechanism and Drive Technology

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