

# 4th Annual IEEE German Education Conference – GECon 2025

21<sup>st</sup> – 23<sup>rd</sup> July 2025 || Nordakademie - Campus Hamburg

<https://attend.ieee.org/gecon-2025/>

## Motivation

Teaching in the engineering curriculum is undergoing a rapid transformation owing to the swift development of novel technologies and paradigms. With a focus on tracking innovative teaching strategies, the IEEE German Education Conference (GECon) endeavors to bring together researchers and educators. The conference aims to provide a platform for networking with peers in engineering education and expand the current teaching landscape at German academic institutions. Following the success in 2022 - 2024 ([proceedings](#)), GECon 2025 aims to further strength collaborations among researchers in teaching.

## GECon 2025

After being hosted at TU Berlin and TU Munich, the event will be hosted in 2025 by [Nordakademie](#) (Campus Hamburg). GECon 2025 will aim to: i) provide a platform to discuss teaching methodologies in German institutions, ii) foster collaboration among educational institutions, and iii) develop partnerships between academia and industry. Next to scientific submissions, the conference will offer many workshops and panels to exchange experiences in teaching methodologies in various research areas such as online teaching, labs, and evaluations.

## Topics of interest

- ▶ Remote Instruction: online laboratories, best practices on online courses, massive open online courses.
- ▶ Curriculum design: Novel activities in academic program design.
- ▶ Non-traditional teaching in engineering education: Artificial Intelligence, Gamification, Project-based learning.
- ▶ STEM education initiatives, e.g. K-12 education.
- ▶ New paradigms and technologies: Society & Industry 5.0, IoT/loE, 5G/6G Cyber-physical systems, Digital twins.
- ▶ Collaborative learning networks between nongovernmental organizations, academia, and industry.
- ▶ Gamification in e-learning and blended learning.
- ▶ Challenges of grading in the age of Artificial Intelligence.

## Important Dates

30 Mar 2025	Paper submission deadline
08 June 2025	Notification of acceptance
29 June 2025	Registration & camera-ready paper submission

## Submission and Presentation

- ▶ Types of submission (English language, IEEE 2-column-style):
  - ▷ Full paper: 6 pages
  - ▷ Work-in-progress paper: 4-5 pages
- ▶ New in 2025: Double-blind peer review
- ▶ Types of presentation:
  - ▷ Oral presentation
  - ▷ Interactive presentation (posters, demos)
- ▶ Templates for submissions are available in [Word](#) and [Latex](#), as well as in [Overleaf](#).
- ▶ Accepted and presented papers will be submitted for inclusion in IEEE Xplore.
- ▶ Conference language: English

## Organizing Committee

### General Co-Chairs

- ▶ Jan Haase, Nordakademie University of Applied Sciences, Elmshorn, Germany.
- ▶ Jorge Torres, Technical University Berlin, Berlin, Germany.

### Technical Program Committee Co-Chairs

- ▶ Nicolai Spicher, University Medical Center Göttingen, Göttingen, Germany.
- ▶ Claudia-Melania Chituc, Leibniz Institute for Research and Information in Education, Frankfurt am Main, Germany.

### Keynote Chair

- ▶ Alexandra Strasser, ProLehre | Media & Didactics of Technical University of Munich, Munich, Germany.

### Workshop Chair

- ▶ Andreas Apostolatos, MathWorks, Munich, and Technical University of Munich, Munich, Germany.

### Publication Chair

- ▶ Shaun Kaplan, Inpixon, Berlin, Germany.

### Awards Chair

- ▶ Marcus Soll, Nordakademie University of Applied Sciences, Elmshorn, Germany.

### Local Organization Chair

- ▶ Marcus Soll, Nordakademie University of Applied Sciences, Elmshorn, Germany.