



NextGen Engineers

Advanced Training Courses for a Sustainable Tomorrow



Apply by 01.06.2025

In our two-week intensive course, you will embark on a journey to master complex engineering challenges, utilizing modern tools and establishing their scientific relevance within existing interdisciplinary projects with a focus on sustainability, utilizing modern tools and aligning your projects with the Sustainable Development Goals (SDGs).



PROJECTS 2025

Project 1: Use of Polymer-Modified Concretes (PCC) for Innovative Refurbishment Solutions

*Dr.-Ing. Alexander Flohr (Chair of Construction Chemistry and Polymer Materials)
& Jun.-Prof. Luise Göbel (Chair of Mechanics of Engineering)*

Project 2: Performance-oriented façade design using LCA and BIM tools

Angela Mejin, Ph.D., Mejin A. Consulting

Project 3: Seismic resilience in structural design: advanced methods and applications

*Jun.-Prof. Lars Abrahamczyk (Chair of Advanced Structures)
& Dr. Carlos Emiliano González Calva (UNAM, Mexico)*

Project 4: Computational and Experimental Wind Engineering for Long-span Bridge

Dr. Samir Chawdhury & Prof. Dr. Guido Morgenthal (Chair of Modelling and Simulation of Structures)

Project 5: Innovation Challenge: Transformation through Sustainable Innovations

Jun.-Prof. Dr. Nikolaus Seitz (Chair of Entrepreneurship and Technology Transfer)



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