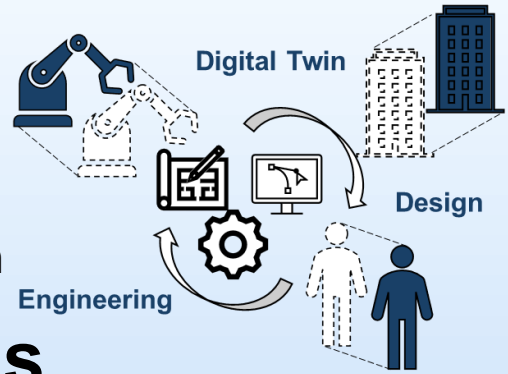


Join Us for the Winter Semester 2023/2024

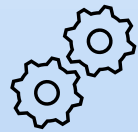


Lecture Series on

Digital Twins in Engineering and Design

Time: Wednesdays 5:00 – 6:30pm
Starting: 18.10.2023

Location: MW2050, Boltzmannstr. 15, 85748 Garching



A comprehensive overview of recent research topics and practical application cases of the **Digital Twin in the domains of engineering and design.**

Date	Title Lecture	Lecturer
18/10/23	"Digital Twin in Engineering and Design" (EN)	Prof. Dr. Vogel-Heuser (AIS)
25/10/23	Digital Twins in Additive Manufacturing – The Beginning of a Journey (EN/DE)	Prof. Dr. Wudy (LBAM)
08/11/23	Executable Digital Twins – Unleashing Digital Models from their Authoring Environments (EN/DE)	Dr. Hartmann (Siemens Industry Software GmbH)
15/11/23	Digital Twinning of Indoor Spaces (EN)	Prof. Dr. Steinbach (LMT)
22/11/23	Human Digital Twins Development and Application (EN)	Prof. Dr. Bengler (LfE)
29/11/23	Digital Twins in logistics: Just another copy? (EN)	Prof. Dr. Fottner (FML)
06/12/23	Potentiale des Digital Twins für die Serienfertigung von Komponenten (DE)	Prof. Dr. Volk / Herr Hartmann, M.Sc. (UTG)
13/12/23	Using Augmented Reality-related Technology for Digital Twins in the Process Industry (EN/DE)	Prof. Dr. Klinker (Erweiterte Realität)
20/12/23	Probabilistic Digital Twin(EN)	Prof. Dr. Straub/ Dafyyd Cotoarba, M.Sc. (RUZ)
10/01/24	Digital Twins for Machine Tools (EN)	Prof. Dr. Zäh (IWB)
17/01/24	Digitale Zwillinge der Fabrik - Anwendungsfälle, Herausforderungen und Nutzen (DE)	Prof. Dr. Daub / Herr Bempohl (IWB)
24/01/24	Asset Administration Shell – Standardized Digital Twin in Practice (DE)	Herr Vojanec (Wittenstein SE)
31/01/24	Win with digital twins - Multiply your R&D performance & accelerate sales (EN)	Herr Steddin, Herr Stahl, Frau Moussin (Schneider Electric Automation GmbH)
07/02/24	From the built environment via sensor data to digital twins (EN)	PD Dr. Kollmannsberger