

## Challenges in Developing & Testing Robotic Systems with Humans-in-the-loop

*Folien:*

Englisch

*Vortragssprache:*

Englisch

*Umfang (mit Diskussion):*

45 min.



*Abstract:* While in the past the working spaces of humans & robots were clearly separated, nowadays more & more systems are designed that not only share the workspace with humans, but also stay in close physical interaction with them. In this talk challenges faced when designing such robotic systems will be discussed along with challenges faced when aiming at testing such systems.

*Vortragende:* **Prof. Dr.-Ing. Angelika Peer, Freie Universität Bozen/Bolzano (IT)**

Prof. Dr.-Ing. Angelika Peer studied electrical engineering & information technology at the Technical University of Munich. She completed her doctorate with distinction in the field of control engineering at the same institution. She then taught as a researcher & lecturer at the Faculty of Electrical Engineering & Information Technology at the TU Munich before following a call to England. At UWE Bristol (University of the West of England), Peer has been a researcher in a network of 200 scientists in the special field of robotics since 2014. In November 2017, Prof. Angelika Peer joined the Faculty of Science & Technology at the Free University of Bozen/Bolzano as a professor with a special focus on automation & robotics.