



LIT LECTURES - SCIENCE IN A NUTSHELL

9 May 2018
12:00 noon
Festsaal JKU

Exoskeletal Robotic Systems

Inspired by the problem of the worldwide population aging, this project bundles the JKU competences in robotics, actuators, sensors and smart materials to develop a wearable robotic system for movement assistance and rehabilitation of the human body.

Andreas Müller
(LIT / Institute of Robotics)

Finger food provided.
Please register latest
by 2 May at
www.jku.at/vas

Mixed Finite Elements for Smart Materials and Structures

In smart structures, layers of piezoelectric materials are integrated into (lightweight) composites. We design finite elements for the simulation of such structures which allow to dramatically reduce computational costs while maintaining accuracy.

Astrid Pechstein
(LIT / Institute of Technical Mechanics)

Upcoming LIT Lecture:
5 September 2018 | 13:00 p.m.
ATTENTION:
Change of starting time

Autonomous Driving: A Legal Challenge?

Discussing autonomous driving in law often means: Whom to blame when algorithms fail? The AUD/A project aims at clarifying due diligence standards to prevent criminal liability. Plus, how the law needs to be adapted to the developing technologies.

Stefan Schumann
(LIT / Institute for Criminal Law)