

EmpkinS Lecture Series

ZIMT, Henkestraße 127, 91052 Erlangen

Program:
12:00 Lunch
12:30 Lecture
13:00 Discussion

18.11.2021

Prof. Dr.-Ing. Martin Vossiek

Introduction to Radar for Non-Engineers

16.12.2021

Prof. Dr.-Ing. Alexander Kölpin

*Fundamentals of Touch-free Bio Marker Monitoring
by Microwave Interferometry (Online)*

20.01.2022

Prof. Dr.-Ing. Bernhard Schmauß

Photonic Sensing in EmpkinS

17.02.2022

Prof. Dr.-Ing. André Kaup

Coding of Digital Video for Zoom, Netflix and Co

17.03.2022

Prof. Dr.-Ing. Marc Stamminger

*Capturing Human Motion with Depth Cameras –
Possibilities and Limitations*

21.04.2022

Prof. Dr.-Ing. Ralf Müller

*An Intuitive Introduction
to Compressive Sensing*

19.05.2022

Prof. Dr. Anne Koelewijn

Gait Simulations for Prediction and Reconstruction

23.06.2022

Dr.-Ing. Jörg Miehling

Musculoskeletal Modeling and Simulation

21.07.2022

Prof. Dr. med. Jürgen Winkler

Parkinson's disease: sensor-based monitoring of gait

August & September 2022

Summer break

20.10.2022

Dr. Anna-Maria Liphardt

*Assessing musculo-skeletal function in inflammatory
arthritis*

17.11.2022

Prof. Dr. Christoph Ostgathe

Palliative Care and the Role of Medical Technology

15.12.2022

Prof. Dr. Björn Eskofier

Machine Learning for Future Healthcare

19.01.2023

Dr. Matthias Braun

*Ethical and Societal Chances and Challenges of AI-
driven Health Simulations*