



# Fraunhofer

## **FRAUNHOFER MEDTECHTALKS**

### **MONDAY – WEDNESDAY**

### **4:30 – 5:00 P.M.**

Join the Fraunhofer Medtechtalks in **Hall 10/G05**. Get a brief insight about the latest research findings in the areas of Measuring & Diagnostics, Additive Manufacturing & Materials as well as AI & Digital Services for healthcare.

*Includes beverages and open discussion. Free admission.*

---

**Monday, November 18, 2019 - 4:30–5:00 p.m.**

---

- Session 1: **Robotic catheter navigation using deep reinforcement learning**  
Tobias Behr, Fraunhofer IPA
- Session 2: **FluoroDrop – Improved quality control for next generation sequencing**  
Lorenz Sparrenberg, Fraunhofer FIT
- Session 3: **Additive manufacturing of individualized 3-D optics**  
Falk Kemper, Fraunhofer IOF
- Session 4: **AM Sensors**  
Dr. Thomas Velten, Fraunhofer IBMT



---

## **Tuesday, November 19, 2019 - 4:30–5:00 p.m.**

---

- Session 1: **3-D printing in medicine**  
Phillip Gromzig, Fraunhofer IAPT
- Session 2: **Raman spectroscopy-based label-free cell analysis**  
Kristian Berwanger, Fraunhofer FIT
- Session 3: **SEBA: How stressed do we really feel?**  
Dr. Wencke Chodan, Fraunhofer IGD
- Session 4: **Respiratory gas analysis by integrated surface solutions without device assistance**  
Dr. Eva Ehrentreich-Förster, Fraunhofer IZI

---

## **Wednesday, November 20, 2019 - 4:30–5:00 p.m.**

---

- Session 1: **Miniaturized systems for point-of-care diagnostics**  
Dr. Michael Scholles, Fraunhofer Project Hub MEOS
- Session 2: **Revolutionizing intraoperative imaging with multiparametric endoscopy**  
Dr. Nikolaos Deliolanis, Thericon
- Session 3: **MR-compatible ultrasound system for biopsy guidance**  
Dr. Marc Fournelle, Fraunhofer IBMT

