

## **Session Program**

**Nov 24 - 27, 2022**



26.  
**Deutsche  
Physikerinnentagung**  
German Conference of Women in Physics

## **26. Deutsche Physikerinnentagung 2022 (German Conference of Women in Physics)**

### **Physics Talks - Biophysics, Medical Physics**

Karlsruhe Institute of Technology  
<https://www.kit.edu/campusplan>

# Sat, November 26

11:00 AM

## Physics Talks - Biophysics, Medical Physics

**Session** |

**Location:** KIT Campus South, Otto-Lehmann Hörsaal, KIT Campus map: <https://www.kit.edu/campusplan/> Building: 30.22 Room: 022 Address: Institute of Technology, Engesserstraße 7, 76131 Karlsruhe Coordinates: 49.01244, 8.41062

11:00 - 11:15

### Dose-efficient X-ray phase contrast imaging by Bragg magnifier optics

**Speaker**

Rebecca Spiecker

11:15 - 11:30

### BK-channel as a fast and precise $\text{Ca}^{2+}$ sensor: application to PMCA pump strength measurements

**Speaker**

Barbara Schmidt

11:30 - 11:45

### How diamond sensors can help to understand the magnetic sense of animals

**Speaker**

Dr Franziska Curdt

11:45 - 12:00

### Multi-method characterization of bone to find correlations between biological and material properties

**Speaker**

Ms Victoria Schemenz

12:30 PM