

Session Program

Dec 18 - 19, 2023

**Second Workshop on Physics and
Applications of Magnetic Microcalorimeters**

Sensor physics and readout

Mon, December 18

2:00 PM

Sensor physics and readout: Sensor physics

Session | **Location:** Physikalisches Institut Im Neuenheimer Feld 226 69120 Heidelberg Germany

14:00 – 14:30

Magnetic 1/f-noise of dilute Au:Er and Ag:Er alloys measured with the noise-o-meter

14:30 – 15:00

Topics related to I-SQUID development

Speaker

Constantin Schuster

3:00 PM

3:30 PM

Sensor physics and readout: Readout

Session | **Location:** Physikalisches Institut Im Neuenheimer Feld 226 69120 Heidelberg Germany

15:30 – 16:00

ADC and linearity

16:00 – 16:30

Large-scale magnetic microcalorimeter: modeling and multiplexing

Speaker

Wonsik Yoon

16:30 – 17:00

Challenges related to microwave SQUID multiplexing of MMCs

Speaker

Martin Neidig

5:30 PM

17:00 – 17:30

General discussion about MMC readout and SQUID development