

# Microstructure User Meeting 2026

Symposium on optical  
vibration measurement

March 19, 2026 in Waldbronn



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## Agenda – lecture session March, 19th

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- 08:45 Uhr      Registration and Breakfast
- 09:15 Uhr      Welcome and Introduction  
(Dr. Joachim Fuchs und Stefan Zimmer, Polytec GmbH)
- 10:05 Uhr      Overview of current developments in micromechanics with a  
focus on MEMS microphones (Prof. Alfons Dehé, HSG IMIT)
- 10:40 Uhr      Coffee
- 10:55 Uhr      Characterization of resonant MEMS-PMUTs and encapsulated  
inertial sensors – at wafer level  
(Dr. Roman Forke and Sven Voigt, FHI-ENAS)
- 11:30 Uhr      Development and optimization of micromirrors for LIDAR  
applications (Dr. Jeong-Yeon Hwang, FHI-ISIT)
- 12:05 Uhr      Business Lunch
- 12:55 Uhr      Highest-quality-factor mechanical oscillators as components for  
future quantum technologies (Prof. H. Weber, FAU Erlangen)
- 13:30 Uhr      Advanced in-situ characterization of surface acoustic wave based  
microacoustic devices (Dr. Hagen Schmidt, Leibniz-Institut IFW)
- 14:05 Uhr      “demonstrating MSA-600-S capabilities to fit electrical response  
curve at around 5 GHz” (n.n., CEA Leti Grenoble)
- 14:40 Uhr      Wafer mapping using versatile automatic Prober TS2000 in  
combination with Micro System Analyzer (Volker Hänsel, MPI/ATV)
- 15:30 Uhr      Parameter extraction such as layer thickness and stress at wafer  
level for process monitoring in semiconductor manufacturing  
(Dr. Steffen Michael, IMMS GmbH)
- 16:05 Uhr      Summary, discussion and closing remarks

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## Agenda – hands-on session March, 18th

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- 15:00 Uhr**      **Registration and Welcome**
- 15:30 Uhr**      **Hands-On Microscope-based vibrometers and Tour Polytec**
- 17:00 Uhr**      **check-in at hotels**
- 19:00 Uhr**      **Ice Breaker Dinner (get together)**

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Geo:                48.9265, 8.4894

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