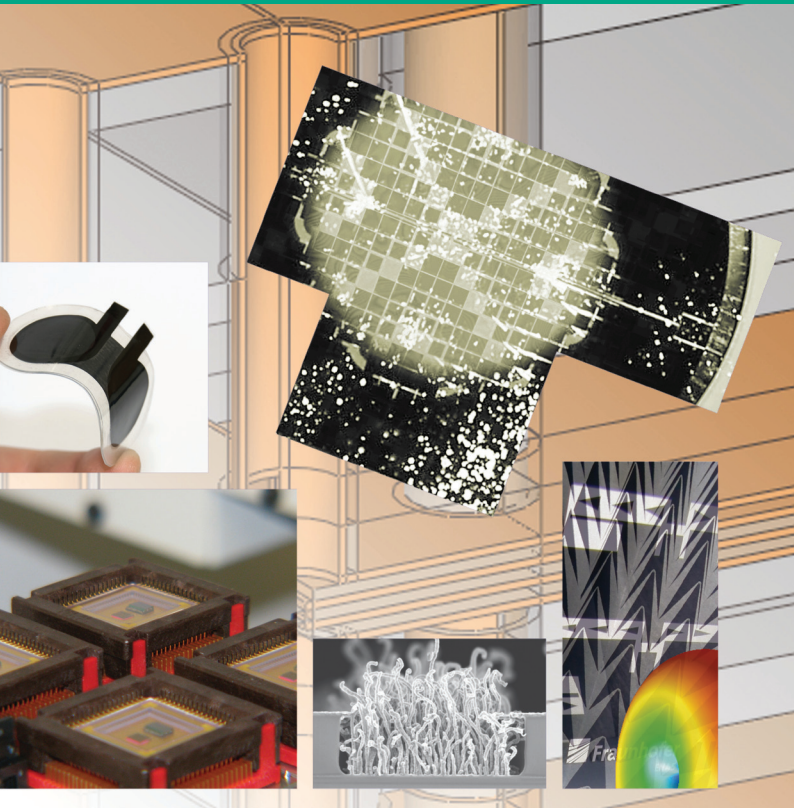


**FRAUNHOFER INSTITUTE FOR
ELECTRONIC NANO SYSTEMS ENAS**

**12TH FRAUNHOFER SYMPOSIUM IN SENDAI
NOVEMBER 24TH, 2016 | SUNPLAZA HOTEL**

**SMART INTEGRATED SYSTEMS
FOR DIFFERENT APPLICATIONS
HONORARY SYMPOSIUM IN REMEMBRANCE OF
PROF. DR. THOMAS GESSNER**



AGENDA

- 9:30 a.m. **Opening Address** | Hideya Miki,
Fraunhofer Representative Office Japan
- Session 1**
- Honorary speeches in remembrance of Prof. Thomas Gessner**
Prof. Motoko Kotani, Prof. Masayoshi Esashi,
Prof. Thomas Otto, Susumu Kaminaga
- 10:30 a.m. Break
- Session 2**
- 10:40 a.m. フラウンホーファー研究機構と日本代表部
Fraunhofer Gesellschaft and Fraunhofer Representative Office Japan | Hideya Miki,
Fraunhofer Representative Office Japan
- 11:10 a.m. **Smart Integrated Systems – Trend and Tendency** | Prof. Thomas Otto, Director (acting)
of Fraunhofer ENAS
- 11:40 a.m. **Advanced Assembly and Integration Technologies for Miniaturized Electronic Systems** | Prof. Klaus-Dieter Lang, Director of
Fraunhofer IZM
- 12:10 p.m. **Open Collaboration with Industry and one Example Massive Parallel Electron Beam Write (MPEBW)** | Prof. Masayoshi Esashi,
Tohoku University
- 12:40 p.m. Lunch break
- 13:40 p.m. **Smart Sensors for Next Generation Robots** |
Prof. Shuji Tanaka, Tohoku University
- 14:10 p.m. **Smart Production Systems** | Wolfgang Zorn,
Manager Group System Integration of
Fraunhofer IWU
- 14:40 p.m. **An Overview on silicon Technologies, Devices and 3D Integration at Fraunhofer EMFT Munich** | Dr. Peter Ramm, Fraunhofer EMFT
- 15:10 p.m. Break
- 15:30 p.m. **Expectations for MEMS technology on OMRON Healthcare products** | Toshiyuki
Takahashi, OMRON
- 16:00 p.m. **Wafer Level Bonding Technologies** | Prof. Joerg
Froemel, Fraunhofer Project Center at WPI-AIMR
- 16:30 p.m. **Diamond-based Devices Fabricated by Wafer-to-Wafer Bonding** | Dr. Vadim Lebedev,
Fraunhofer IAF
- 17:00 p.m. **Flexural Vibration Mode Nanodiamond/ AlN Disk Resonators for Mass Sensing Applications** | Taro Yoshikawa, Fraunhofer IAF
- 17:30 p.m. End of Session 2
- 17:40 p.m. **Reception**
Opening Address | Prof. Thomas Otto,
Fraunhofer ENAS
Closing Address | Prof. Masayoshi Esashi,
Tohoku University

CONTACT

The Fraunhofer Symposium is held in cooperation with City of Sendai and Tohoku University



The Fraunhofer Symposium takes place:

Sendai Sunplaza „Crystal Room“, 3rd floor
<http://www.sendai-sunplaza.com/english/>

Registration:

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