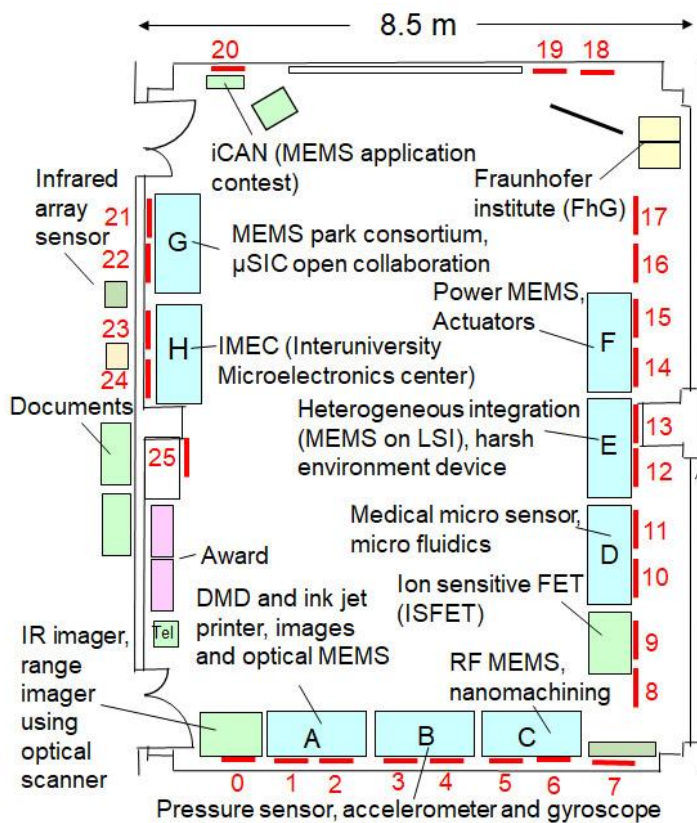


Sendai MEMS showroom



- 0 Sendai MEMS showroom
- 1 What is MEMS?
- 2 Optical MEMS and Micro/Nano-Optics (Hane, Kanamori)
- 3 RF MEMS
- 4 Mechanical sensors
- 5 Micromachining and packaging
- 6 Nanomachining and ultra-high sensitive sensing (Ono)
- 7 PZT thin films for MEMS
- 8 Sensor network (Kuwano)
- 9 Micro sensors for medical monitoring (Matsuo, Esashi et al.)
- 10 Minimally invasive medical devices and health care devices (Haga)
- 11 Tactile sensor network
- 12 Heterogeneous integration of MEMS on LSI by transfer
- 13 Development of massive parallel EB exposure system
- 14 Power MEMS (Tanaka et al.)
- 15 MEMS for production, testing, environment and safety
- 16 Examples of MEMS industrialization by Tohoku Univ,- industry collaboration
- 17 Advantest, High-Frequency, Low power consumption MEMS Relay
- 18 Fraunhofer institute (Germany)
- 19 Fraunhofer project center in Tohoku University
- 20 ICAN (International Contest of innovAtion) (Totsu et al.)
- 21 MEMS park consortium
- 22 Open collaboration and μ SIC
- 23 IMEC (Interuniversity Microelectronics Center) (Belgium)
- 24 Start-up companies related to μ SIC
- 25 Activities of Nishizawa center space users



Range imager (Nippon signal) using 2D optical scanner