



Short Course Information

Morning Courses:

~~Short Course #1~~ - CANCELLED

Title: MEMS-Based Neural Interfaces - Challenges, Technologies and Applications

Short Course #2

Title: Nanomaterials and Structuring for Sensors

Time: 8:00 a.m. – 12:00 p.m.

Presenters: Professor Juergen Brugger¹ and Dr. Christofer Hierold²

¹Ecole Polytechnique Fédérale de Lausanne (EPFL), SWITZERLAND and ²ETH Zürich, SWITZERLAND

Short Course #3

Title: Commercialization of MEMS: In Search of the Tornado

Time: 8:00 a.m. – 12:00 p.m.

Presenter: Dr. Kurt Petersen
Consultant, USA

Short Course #4

Title: Micro Energy Harvesting

Time: 8:00 a.m. – 12:00 p.m.

Presenters: Professor Peter Woias¹, Professor Gerhard Wachutka², Professor Eric Yeatman³ and Dr. Peter Spies⁴

¹University of Freiburg – IMTEK, GERMANY, ²Technical University of Munich, GERMANY, ³Imperial College, London, UK and ⁴Fraunhofer-Institute for Integrated Circuits, GERMANY

~~Short Course #5~~ - CANCELLED

Title: Writing Techniques for Abstracts, Grants and Manuscripts

Afternoon Courses:

~~Short Course #6~~ - CANCELLED

Title: Wireless Sensors and Sensor Networks

Short Course #7

Title: Optical MEMS and Bio-Nano-Photonics

Time: 1:00 p.m. – 5:00 p.m.

Presenter: Professor Ming C. Wu
University of California, Berkeley, USA

~~Short Course #8~~ - CANCELLED

Title: Recent Advances in RF MEMS

Short Course #9

Title: Integrated Biosensors: Devices and Systems

Time: 1:00 p.m. – 5:00 p.m.

Presenter: Dr. Roland Thewes
Qimonda, GERMANY

~~Short Course #10~~ - CANCELLED

Title: Wafer Bonding Technologies for Wafer Level Integration

Short Course #11

Title: Piezoelectric Materials and Applications

Time: 1:00 p.m. – 5:00 p.m.

Presenters: Professor Kaoru Yamashita¹, Professor Isaku Kanno², Dr. Jong-Uk Bu³
¹Osaka University, JAPAN, ²Kyoto University, JAPAN, and ³SenPlus, KOREA, SOUTH