

Program at a Glance / Programmübersicht

SENSOR 2017

Part A
NCC Mitte, Room Brüssel 2

Tuesday, 30 May 2017

11:45 *Lunch Break*
13:30 A1 *Magnetic Sensors*
15:00 *Coffee Break and*
15:00-16:30 *Poster Session*
16:30 A2 *Biosensors I*

Wednesday, 31 May 2017

10:00 *Coffee Break*
10:30 A3 *Biosensors II*
12:00 *Lunch Break*
13:20 A4 *Gas Sensors I*
14:50 *Coffee Break*
15:10 A5 *Gas Sensors II*

Thursday, 1 June 2017

10:00 *Coffee Break*
10:20 A6 *Gas Sensors III*
11:50 *Lunch Break*
13:00 A7 *Gas Sensors IV*
14:30 *Coffee Break*
14:50 A8 *Wireless Sensors II*

SENSOR 2017

Part B
NCC Mitte, Room München 1

Tuesday, 30 May 2017

10:00 Opening Ceremony

Opening speech

Presentation of the AMA
Innovation Award 2017

Plenary Talk (Room Brüssel 2)

11:45 *Lunch Break*
13:30 B1 *Impedance Spectroscopy*
15:00 *Coffee Break and*
15:00-16:30 *Poster Session*
16:30 B2 *Sensors for Industrial Applications*

Wednesday, 31 May 2017

08:30 Plenary Talk
09:15 Plenary Talk
(Room Brüssel 2)

10:00 *Coffee Break*
10:30 B3 *Fiber Optical Sensors*
12:00 *Lunch Break*
13:20 B4 *Optical Measurement of Geometrical Quantities*
14:50 *Coffee Break*
15:10 B5 *Optical Measurement Systems I*

Thursday, 1 June 2017

08:30 Plenary Talk
09:15 Plenary Talk
(Room Brüssel 2)

10:00 *Coffee Break*
10:20 B6 *Distributed and Fiber Bragg Grating Sensing I*
11:50 *Lunch Break*
13:00 B7 *Distributed and Fiber Bragg Grating Sensing II*
14:30 *Coffee Break*
14:50 B8 *Optical Measurement Systems II*

SENSOR 2017

Part C
NCC Mitte, Room München 2

Tuesday, 30 May 2017

11:45 *Lunch Break*
13:30 C1 *Acoustic Methods I*
15:00 *Coffee Break and*
15:00 – 16:30 *Poster Session*
16:30 C2 *Acoustic Methods II*

Wednesday, 31 May 2017

10:00 *Coffee Break*
10:30 C3 *Modeling and Simulation I*
12:00 *Lunch Break*
13:20 C4 *Modeling and Simulation II*
14:50 *Coffee Break*
15:10 C5 *Modeling and Simulation III*

Thursday, 1 June 2017

10:00 *Coffee Break*
10:20 C6 *Wireless Sensors I*
11:50 *Lunch Break*
13:00 C7 *Textile-based Sensors*
14:30 *Coffee Break*
14:50 C8 *Material Characterization*

SENSOR 2017

Part D
NCC Mitte, Room Mailand

Tuesday, 30 May 2017

10:00 Opening Ceremony

Opening speech

Presentation of the AMA
Innovation Award 2017

Plenary Talk (Room Brüssel 2)

11:45 Lunch Break
13:30 D1 3D-Printed Sensors and Systems
15:00 Coffee Break and
15:00 – 16:30 Poster Session
16:30 D2 Characterization of Printed Sensors
and Methods

Wednesday, 31 May 2017

08:30 Plenary Talk

09:15 Plenary Talk
(Room Brüssel 2)

10:00 Coffee Break
10:30 D3 Radar Sensors
12:00 Lunch Break
13:20 D4 Mechanical Sensors I
14:50 Coffee Break
15:10 D5 Mechanical Sensors II

Thursday, 1 June 2017

08:30 Plenary Talk

09:15 Plenary Talk
(Room Brüssel 2)

10:00 Coffee Break
10:20 D6 Mechanical Sensors: Special Applications
11:50 Lunch Break
13:00 D7 Energy Harvesting
14:30 Coffee Break
14:50 D8 MEMS

IRS² 2017

NCC Mitte, Room Athen

Tuesday, 30 May 2017

11:45 Lunch Break
13:00 Welcome
13:10 Session 1
IR Sensors and Arrays
15:00 Coffee Break and
15:00 – 16:30 Poster Session
16:30 Session 2
Spectroscopy and Gas Analysis

Wednesday, 31 May 2017

10:00 Coffee Break
10:30 Session 3
Thermal Imaging
12:00 Lunch Break
13:20 Session 4
Recent Developments in IR Industry

Opening Ceremony

NCC Mitte, Room Brüssel 2
Tuesday, 30 May 2017

10:00 Opening Ceremony

Chairs:

G. Gerlach, Technische Universität Dresden, Dresden
(Germany)

R. Lerch, University Erlangen-Nuremberg, Erlangen
(Germany)

10:00 Opening speech
10:15 Presentation of the
AMA Innovation Award 2017

P. Krause, First Sensor AG, Berlin (Germany),
Chairman of the AMA-Board
S. Zimmermann, Leibniz University Hannover (Germany),
Chairman of the AMA Science Board

The Nominated Innovations:

BactiSense: Thermal identification of bacteria and viability testing

Dr. Bart van Grinsven, Prof. Dr. Thomas Cleij, University
Maastricht; Dr. Kasper Eersels, Prof. Dr. Patrick Wagner,
KU Leuven (The Netherlands)

**Detektoren zur absoluten Leistungsmessung im
Terahertz-Spektralbereich**

Dr. Werner Bohmeyer, Achim Mans, Jens Karsten Lange,
SLT, Wildau; Dr. Andreas Steiger, Dr. Ralf Müller, PTB,
Berlin (Germany)

**Flammenionisationsdetektor mit interner Gasversorgung
als Feldgerät**

Dr. Winfred Kuipers, Dr. Jan Förster, Dr. Christian Koch,
Krohne GmbH, Duisburg; Dr. Steffen Ziesche,
Christian Lenz, Fraunhofer IKTS, Dresden (Germany)

Magnetisch-induktiver Kraftsensor

Dr. Phillip Coerlin, Dr. Tobias Kitzler, Dr. Tobias Senkbeil,
Anatol Schwersenz, Christian Leiser, Sebastian Schwiertz,
Steffen Witzemann, Trafag GmbH, Unterensingen;
Lutz May, Torque And More GmbH, Starnberg (Germany)

**Radio Frequency Diesel and Gasoline Particulate Filter
Sensor**

Dr. Alexander Sappok, Dr. Paul Ragaller, CTS Corporation,
Malden; Dr. Leslie Bromberg, Massachusetts Institute of
Technology (USA)

10:45 Pictures of the Nominates
11:00 Plenary Talk

11:45 Lunch Break