

SENSOR 2011

Part A

CCN West, Room Paris

Tuesday, 7 June 2011

12:00 *Lunch Break*
13:00 A1 Impedance Spectroscopy
14:30 *Coffee Break*
15:00 A2 Surface Acoustic Wave Sensors

Wednesday, 8 June 2011

10:00 *Coffee Break*
10:30 A3 Flow Measurement
12:00 *Lunch Break*
13:00–14:30 Poster Session
14:30 A4 Flow Sensors I
16:00 *Coffee Break*
16:20 A5 Flow Sensors II

Thursday, 9 June 2011

10:00 *Coffee Break*
10:30 A6 Ultrasonic Sensors I
12:00 *Lunch Break*
13:00 A7 Ultrasonic Sensors II
14:20 *Coffee Break*
14:50 A8 Ultrasonic Sensors III

SENSOR 2011

Part B

CCN West, Room London

Tuesday, 7 June 2011

10:00 Opening Ceremony

Plenary Talk

Presentation of the SENSOR Innovation Award 2011
(Room Paris)

12:00 *Lunch Break*
13:00 B1 Piezoresistive Sensors
14:30 *Coffee Break*
15:00 B2 Sensor Design and Modeling

Wednesday, 8 June 2011

08:30 Plenary Talk
09:15 Plenary Talk
(Room Paris)

10:00 *Coffee Break*
10:30 B3 Mechanical Sensors I
12:00 *Lunch Break*
13:00–14:30 Poster Session
14:30 B4 Mechanical Sensors II
16:00 *Coffee Break*
16:20 B5 Sensor-Packaging

Thursday, 9 June 2011

08:30 Plenary Talk
09:15 Plenary Talk
(Room Paris)

10:00 *Coffee Break*
10:30 B6 Dimensional Measurement
12:00 *Lunch Break*
13:00 B7 Actuators
14:20 *Coffee Break*
14:50 B8 Magnetic Sensors

SENSOR 2011

Part C

CCN West, Room Kairo

Tuesday, 7 June 2011

12:00 *Lunch Break*
13:00 C1 Wireless Sensors I
14:30 *Coffee Break*
15:00 C2 Energy Harvesting

Wednesday, 8 June 2011

10:00 *Coffee Break*
10:30 C3 Wireless Sensors II
12:00 *Lunch Break*
13:00–14:30 Poster Session
14:30 C4 Sensor Electronic I
16:00 *Coffee Break*
16:20 C5 Wireless Sensors III

Thursday, 9 June 2011

08:30 Plenary Talk
09:15 Plenary Talk
(Room Paris)

10:00 *Coffee Break*
10:30 C6 Miniature Audio Transducers
12:00 *Lunch Break*
13:00 C7 Sensor Electronic II
14:20 *Coffee Break*
14:50 C8 Bio-Chemo Sensors

SENSOR 2011

Part D

CCN West, Room Zürich

Tuesday, 7 June 2011

OPTO 2011

CCN West, Room Amsterdam

Tuesday, 7 June 2011

IRS² 2011

CCN West, Room Dublin

Tuesday, 7 June 2011

10:00 Opening Ceremony

Plenary Talk

Presentation of the SENSOR Innovation Award 2011
(Room Paris)

12:00 Lunch Break
13:00 D1 High Temperature Sensors I
14:30 Coffee Break
15:00 D2 High Temperature Sensors II

Wednesday, 8 June 2011

12:00 Lunch Break
13:00 Welcome
13:05 Session 1
Components for Sensing and Detection
14:30 Coffee Break
15:00 Session 2
3D and Calibration

Wednesday, 8 June 2011

12:00 Lunch Break
13:00 Welcome
13:05 Session 1
Photon and Thermal Detectors
14:30 Coffee Break
15:00 Session 2
IR Arrays & Imaging

Wednesday, 8 June 2011

08:30 Plenary Talk
09:15 Plenary Talk
(Room Paris)

10:00 Coffee Break
10:30 D3 Gas Sensors I
12:00 Lunch Break
13:00-14:30 Poster Session
14:30 D4 Gas Sensors II
16:00 Coffee Break
16:20 D5 Media Properties Sensors

Thursday, 9 June 2011

08:30 Plenary Talk
09:15 Plenary Talk
(Room Paris)

10:00 Coffee Break
10:30 D6 Medical I
12:00 Lunch Break
13:00 D7 Medical II
14:20 Coffee Break
14:50 D8 Medical III

10:00 Coffee Break
10:30 Session 3
Measuring technologies
12:00 Poster Presentation
12:15 Lunch Break
13:00-14:30 Poster Session
14:30 Session 4
Applications

10:00 Coffee Break
10:30 Session 3
Gas Analysis
12:00 Poster Presentation
12:15 Lunch Break
13:00-14:30 Poster Session
14:30 Session 4
Infrared Spectroscopy

Parallel Conventions

(Conference Language: German)

CCN West, Room Venedig

VDI/VDE-Expertenforum

Tuesday, 7 June 2011

- 13:15 Begrüßung
13:30 Monitoring im Spiegelbild von Technik, Recht und Regelwerken
14:00 Impulsvorträge mit anschl. Diskussion an Postern
15:30 Monitoring von geotechnischen Bauwerken – Gegenwart und Zukunft
16:00 Impulsvorträge mit anschl. Diskussion an Postern

Wednesday, 8 June 2011

- 09:00 Monitoring komplexer Anlagen am Beispiel Offshore-Windenergieanlagen
09:30 Impulsvorträge mit anschl. Diskussion an Postern
11:00 Strategien und technische Konzepte für das Strukturmonitoring bei Fahrzeugen
11:30 Impulsvorträge mit anschl. Diskussion an Postern

Parallel Conventions

(Conference Language: German)

CCN West, Room Amsterdam

Magnetische Mikro- und Nanotechnologien

Thursday, 9 June 2011

Drittes gemeinsames Statustreffen der Förderprojekte zur BMBF-Bekanntmachung "Magnetische Mikro- und Nanotechnologien"

Ganztägige Vortragsreihe mit Postersession

Beginn: 09:15 Uhr
Mittagspause: 13:00 – 14:00 Uhr
Postersession: 14:00 – 15:30 Uhr
Ende: ca. 17:30 Uhr

Parallel Conventions

(Conference Language: German)

CCN West, Room Venedig

fms-Sondersession

Thursday, 9 June 2011

Workshop:
Sensorforschung für Medizin und Technik
- Ergebnisse aus Projekten der industriellenGemeinschaftsforschung

10:30 Session 1
13:00 Session 2

CCN West, Room Paris

10:00 Opening Ceremony

Chairs:

G. Gerlach, Technische Universität Dresden (Germany)
R. Lerch, University Erlangen-Nürnberg (Germany)
E. Wagner, Fraunhofer Institute for Physical Measurement Techniques IPM, Freiburg (Germany)
R. Werthschützky, Technical University Darmstadt (Germany)

ÜV1 Fundamental Constants and the New System of Units (SI)

E. Göbel, President of Physikalisch-Technische Bundesanstalt, Braunschweig (Germany)

Presentation of the SENSOR Innovation Award 2011

W. Wiedemann, Sensor-Technik Wiedemann GmbH, Kaufbeuren (Germany), Chairman of the AMA-Board
A. Schütze, Universität des Saarlandes, Saarbrücken (Germany); Chairman of the Jury

The nominated innovations:

HoloTop und HoloFlash / 3D-Sensoren mit Mehrwellenlängen-Holografie

Fraunhofer-Institut für Physikalische Messtechnik, Freiburg;
Breitmeier Messtechnik GmbH, Ettlingen;
ASENTICS GmbH & Co. KG, Siegen

Schlaues Pflaster zur Nierenfunktionsbestimmung

Universität Heidelberg, Zentrum für Medizinische Forschung der Medizinischen; Fakultät Mannheim der Universität Heidelberg

Innovative magnetische, Pflanzen-basierte ZIM-Druckmesssonde

ZIM Plant Technology GmbH, Hennigsdorf

12:00 Lunch Break