

9th INNOVATIONSFORUM

Dear friends of the Dresden Fab Automation Cluster

This past year we have all been very busy throughout the world serving our customers within the Semiconductor, Photovoltaic and High-Tech Industries. 2011 brought several exciting announcements within Saxony and overall the region remains healthy and continues to grow - this is great news!

It is our great pleasure to present the 9th Innovations Forum for FAB-Automation in Dresden on the 26/27 of January 2012. The sponsoring members of the Dresden Fab Automation Cluster "DFAC" AIS GmbH, HAP GmbH, Roth&Rau Ortner GmbH and SYSTEMA GmbH cordially invite you to join us and meet with your partners and friends once again. It is our great pleasure to announce that INFINEON Technologies is supporting the Innovations Forum and will host the event on the INFINEON Campus. INFINEON's support is much appreciated and we are very excited to welcome you to one of the most important centres of the European Semiconductor Industry.

This year's seminar program will provide an opportunity for each of us to network and learn from our highly qualified and knowledgeable speakers presenting innovative solutions in advanced fab automation within the semiconductor and photovoltaic industries. This year we will also be exposed to innovations in new and exciting industries such as OLED/LED. Along with my fellow CEO colleagues of the DFAC Companies, and as president of Silicon Saxony e.V., I proudly invite you to be a part of this upcoming event.

Sincerely yours,



Heinz Martin Esser President / CEO of Roth&Rau-Ortner GmbH, President Silicon Saxony e. V.

Please read the abstracts of the speeches on www.automation-dresden.de.

13:00 **Welcome & Opening S.Barlow**

13:15 **T. Leitermann** Infineon Technologies Dresden
Automation -Fountain of Youth for Our Fab

13:45 **Dr. T. Schuler** Robert Bosch GmbH
Fully automated wafer cleaning area
Tool automation in a 200mm Waferfab - from project to production

14:15 **R. Kramer** ELMOS Semiconductor AG
Migration Strategies for Equipment Integration in a running 200mm Fab
Selection criterias, step by step integration and know how transfer

14:45 **Discussion and Catering**

15:30 **T. Müller** Infineon Technologies Dresden
Automated Test Wafer Handling
Presentation of Infineon test wafer concept with sorter cluster for composing test wafer lots

16:00 **S. Loebeth / H. Wagner** Globalfoundries Dresden
Foundry Reticle Management
A totally overhauled approach to Reticle Management in combination of external products and worldwide internal expertise

16:30 **F. Mast** Hewlett Packard
Successful utilization of the agile development process (Scrum) within a large equipment automation project
Approach, benefits, and pitfalls of iterative, incremental software development methodology

17:00 **Discussion**

19:00 **Evening Event (Innovation Award & Dinner Party)**

9:00 **Welcome S. Barlow**

9:05 **Dr. C. May** Fraunhofer IPMS
OLED lighting - status of an upcoming industry
Overview on the worldwide activities on highly efficient OLED

9:35 **A. Buechel** Roth & Rau AG
Use DES to design high efficient solar cells
Development Execution System (DES) with enhanced and adapted functions especially for R&D users

10:05 **M. Kuttig** FH Stralsund
Cool Fab: Hybrid-Robotic-solution
Objectives of current research activities

10:35 **Discussion and Catering**

11:00 **J. Ludwig** Colandis
Cleanroom requirements and Fab automation - no antagonism
Overview of relevant experiences and suggestions for automation in clean room environments

11:30 **R. Gagon** Romaric Inc.
Will your MES or MCS support the next capacity increase?
Project report of an MCS enhancement project performed at Spansion 200mm Fab in Austin, TX

12:00 **M. Stephan** Infineon Technologies Dresden
MES independent Experiment Management
Solution for experiment execution in highly automated semiconductor manufacturing

12:30 **Discussion**

12:45 **Closing by S. Barlow**

REGISTRATION

Please fax the completed registration document to the following number +49 (351) 87 18 401 or send an E-Mail with the required details to innovation@hap-dresden.de

I will attend the **9th Innovationsforum** for automation taking place from January 26 to 27 at Infineon Technologies Dresden, Königsbrücker Straße 180, 01099 Dresden

Title, Surname, First name

Company Department

Street

ZIP Code City

Telephone E-Mail

Signature

Participation fee: EUR 400 (to pay on registration).

Date Signature

I will attend the evening event.

Date Signature

Do you need hotel room? We reserved several rooms in the INNSIDE Hotel Dresden (see contact information on page travel info). Single room incl. breakfast 118 Euro, double room incl. breakfast 137 Euro. Please refer to the code word „AIS“ when booking by the 15th of December 2011 at latest.

TRAVEL INFO



- **By airplane:** From the International Airport of Dresden take Bus Line 77 until „Klotzsche Infineon“.
 - **By train:** You reach Infineon Technologies Dresden by train from stations Dresden Central (Hauptbahnhof) and from Dresden Neustadt. Then use tramlines 7 or 8 until stop named "Infineon Süd".
 - **By car:** You reach Infineon Technologies Dresden via highway B97 (Königsbrücker Straße) as well as via the freeways A4 and A13. From the exit Dresden-Flughafen follow the directions to the airport (Flughafen). At the traffic light next to the service station turn right and follow the road until its end. There turn right and at the second traffic light turn left following the sign „Infineon Zufahrt Süd“ to the company's premises.
- On the company's premises a security guard will give you parking instructions.
- **By tram:** From Downtown use tramlines 7 and 8 until stop „Infineon Süd“.

conference venue:
Infineon Technologies Dresden, Königsbrücker Straße 180, 01099 Dresden

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On the initiative of DFAC Dresden Fab Automation Cluster



9th innovationsforum
for automation

INVITATION

9th innovationsforum
for automation
26/27 January 2012
Dresden, Germany

On the initiative of DFAC Dresden Fab Automation Cluster
www.automation-dresden.de