

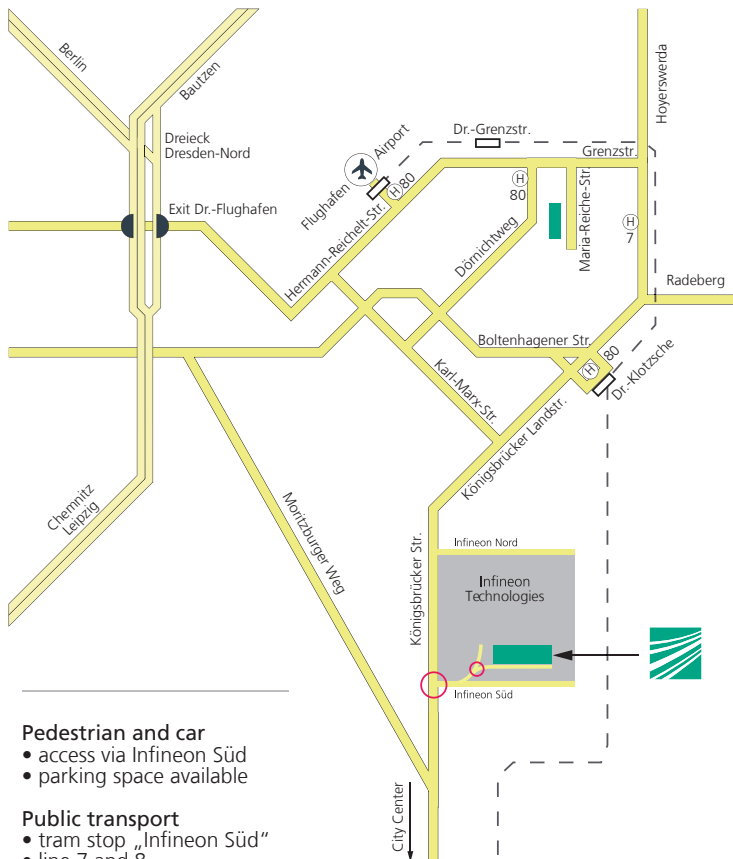


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FRAUNHOFER INSTITUTE FOR PHOTONIC MICROSYSTEMS
 CENTER NANOELECTRONIC TECHNOLOGIES (CNT)

Fraunhofer IPMS Center Nanoelectronic Technologies (CNT)

Königsbrücker Str. 178
 Building 48
 01099 Dresden
 Phone +49 351 2607-3040
 Fax +49 351 2607-3005
www.ipms.fraunhofer.de



Pedestrian and car

- access via Infineon Süd
- parking space available

Public transport

- tram stop „Infineon Süd“
- line 7 and 8



Industry Partner Day
June 11 | 2015

APPLIED RESEARCH IN NANOELECTRONICS

10
 YEARS



INDUSTRY PARTNER DAY
June 11 | 2015



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10 YEARS APPLIED RESEARCH IN NANOELECTRONICS

We invite you to our annual Industry Partner Day in Dresden with interesting talks from representatives of the semiconductor industry and cooperation partners of our research institute.

The CNT Industry Partner Day is your opportunity to gain insights into recent technology developments and industry trends. Furthermore we celebrate the 10th anniversary of our Center Nanoelectronic Technologies - the 300 mm development platform. *Register now!*

08.30 am Registration

09.00 am WELCOME AND OPENING

Prof. Dr. Hubert Lakner
Director Fraunhofer IPMS, Chairman
Fraunhofer Alliance Microelectronics

09.15 am GLOBALFOUNDRIES IN DRESDEN - FUTURE PERSPECTIVES

Dr. Rutger Wijburg
Senior Vice President, Fab 1
Globalfoundries, Dresden

09.35 am INTRODUCTION CNT HIGHLIGHTS

Dr. Romy Liske
Head of Business Unit CNT,
Fraunhofer IPMS

09.55 am TECHNOLOGY CHALLENGES AT 28 NM AND BEYOND

Dr. Maciej Wiatr
Senior Manager Device Integration & Wafer Electrical
Test, Globalfoundries, Dresden

10.15 am Coffee Break

10.45 am

DRESDEN PLATING LAB - INDUSTRY COOPERATION MODEL FOR MUTUAL BENEFIT

Dr. Dieter Mayer
Senior Manager, Development Electronic Materials
BASF, Ludwigshafen

11.10 am

GENTLE PHYSICAL PHOTORESIST REMOVAL WITH INTELLIGENT FLUIDS®

Dr. Dirk Schumann
Bubbles & Beyond GmbH, Leipzig

11.35 am

CMP-CONSUMABLE SCREENING

Dr. Peter Wrschka
Entegris GmbH, Dresden

12.00 pm

Lunch Break

01.00 pm

SEMICONDUCTOR MEMORIES: CURRENT STATUS AND OPTIONS FOR THE FUTURE

Prof. Dr. Thomas Mikolajick
Institute of Semiconductors and Microsystems
TU Dresden, NaMLab gGmbH, Dresden

01.25 pm

ENERGY EFFICIENT NON-VOLATILE MEMORY MANUFACTURING (NV SRAM)

Dr. Stephan Günther
Anvo Systems GmbH, Dresden

01.50 pm

THE EU ECSEL PROJECT ADMONT – STATUS, EXPERIENCES AND PROSPECTS

Dr. Karl-Heinz Stegemann
Manager Business Development
X-FAB Semiconductor Foundries, Dresden

02.15 pm

GET TOGETHER / CNT WINDOW TOUR

*ADMONT: Advanced Distributed Pilot Line for More-than-Moore Technologies