

Invitation:

Quantification of quality: towards industrial applications

Science based methodologies effectively deployed.

On the **5th of October 2012** we organize our yearly
‘Electronic Design & Manufacturing’
event

The Electronic Design & Manufacturing mission:

*To support industry by means of **knowledge creation and sharing, scientifically sound methodologies and collaboration throughout the electronic supply chain**, in the development and production of high quality, reliable electronic modules (PBA).*

Abstract

What does EDM mean for to the industry? How can science based methods be translated into readily applicable resources and used by the industry? How to deploy these methods throughout the supply chain? EDM partners witnesses.

Our EDM Partner ASML presents the MoVIP project (Modelling van de Voorspelbaarheid van Initiële Productkwaliteit - Modeling the Predictability of Initial Product Quality).

This project builds on the Defect Opportunity (DO) and Defect-Per-Million Opportunity (DPMO) concept, developed by EDM and based on IPC-7912, for quantifying PBA quality, yield and test coverage. Sixteen MoVIP partners from various technological disciplines are working on the DO concept for complete industrial systems (mechatronic / optical), taking into account the different characteristics of these systems compared to PBAs.

MoVIP illustrates how a science based method, developed in the framework of the EDM program, provides answers to a specific business problem.

After the presentations follows a visit of the booths and time for networking. This gives you ample opportunity to further explore the various aspects of the EDM program and the EDM network. The EDM partners’ booths provide you an opportunity to get acquainted, do networking and exchange information. Meanwhile you can enjoy some snacks and drinks.

Agenda

14h00 Welcome.

14h10 **EDM** activities and results
Geert Willems, imec.

14h50 **MoVIP project**: Modelling van de Voorspelbaarheid van Initiële Productkwaliteit (modeling of the predictability of initial product quality)
Dick van Hees, ASML.

15h15 **Influence of pick & place machines on product quality**.
Sjef van Gastel, Assembléon.

15h40 Questions and answers.

16h00 **Knowledge-exchange & networking, visit of the booths**.
(List of booths to follow.)

19h30 End.

Practical information

- Presentations are given in English
- Participation is free of charge.
- Registration via e-mail: training@imec.be
- For more information:
 - Filip Ponsaerts, Filip.Ponsaerts@imec.be, +32-16-283412
 - edm@imec.be
- www.imec.be – www.edmp.be – www.rohsservice.be

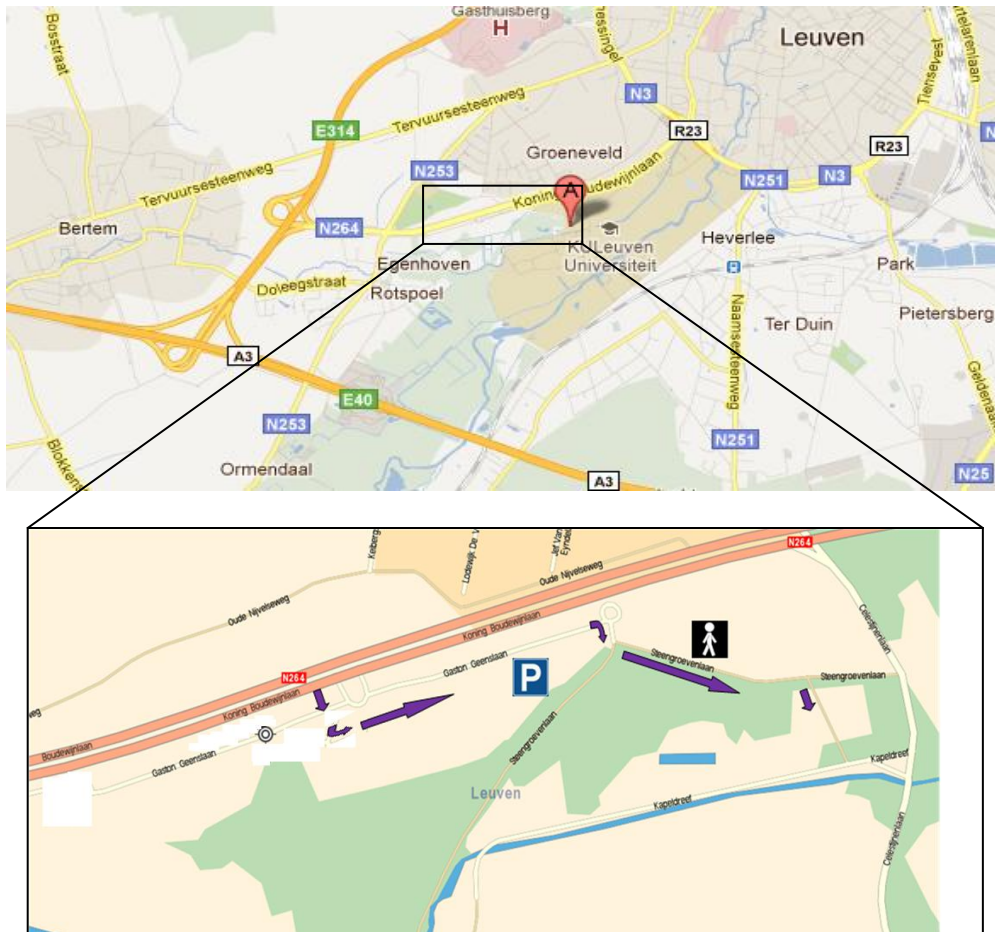
The Electronic Design & Manufacturing program

Interested in member- or partnership of the EDM program, please contact:
Filip Ponsaerts – Filip.Ponsaerts@imec.be – +32-16-283412
More EDM info: www.edmp.be



Supported by IWT in the framework of VIS-Prosperita - www.iwt.be

How to reach imec?



Overflow parking imec at the Science Park:

1. Either coming from Brussels (E40) or coming from Hasselt (E314): take exit 15 for “Leuven” and follow the Koning Boudewijnlaan (N264) for about 1 km. At the 2nd traffic lights, take right and follow the sign “Wetenschapspark Arenberg”.
2. Or coming from Leuven, turn left at the 2nd traffic lights and follow the sign “Wetenschapspark Arenberg”.
3. You have now arrived at the Gaston Geenslaan. Just past the traffic lights you can turn left, follow this lane until you see the buildings of Bio-Incubator. On your right, you will find the overflow parking from imec. This parking is free of charge.
4. The entrance of imec is within walking distance from the overflow parking. Follow the signs. You will arrive at the Steengroevenlaan, follow this lane until you see the Skybridge of imec and take right. Follow the path until the backside of the entrance hall of imec. Follow the signs and register at the registration desk.

Remark: In case of GPS, **do not** enter "Kapeldreef 75" as destination; use "Gaston Geenslaan" as destination.