

APPLICATION FORM

Joke Margodt
Flanders' Mechatronics Engineering Centre
Laboratory for EMC & Global Reliability
Dept. IW&T, KHBO

Fax: +32(0)59 56 90 01

e-mail: joke.margodt@khbo.be
website: <http://fmec.khbo.be>

Yes, I want to participate to the seminar:

"Software Aided Design:
Challenges and Opportunities"

Company name:

Address:

Postal code + Town:

Phone:

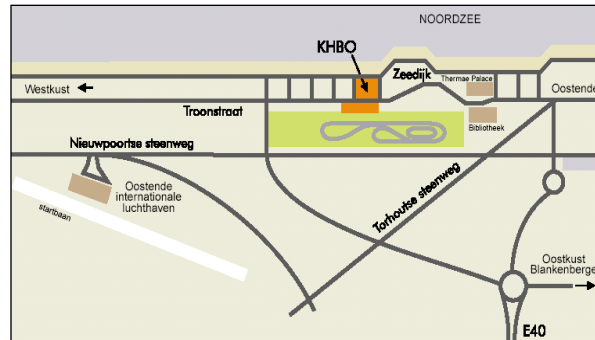
Participator(s):

Email:

Member Agoria: Yes / No

Member DfX Bridge project: Yes / No

HOW TO REACH US?



If you come by car (highway): coming from the exit of the highway (Kennedy traffic circle), you take the direction "Middelkerke - Oostende West"(3rd turn). After driving for about 4 km, you will approach a crossing with a tramway and traffic lights. Turn right (you are now in the Troonstraat). Drive straight until you can turn off left (about 400 m). You are now at the corner of the "17 Oktoberstraat" and the "Troonstraat" where you will find the entrance of the KHBO. You can park your car at the entrance or at the Troonstraat.

Or:

Click [here](#) to view map.

Please pay attention: Metered parking all over the street!



Agilent Technologies



Invitation

Seminar

Software Aided Design: Challenges and Opportunities

Wednesday June 1st 2011

13h00 – 19h00

**KHBO, Campus IW&T
Zeedijk 101
B-8400 Oostende**

INTRODUCTION

On Wednesday June 1st 2011, the Flanders' Mechatronics Engineering Centre (FMEC) of the KHBO organizes a seminar concerning the challenges and opportunities for Software Aided Design in the design process of electronics.

Often, design engineers apply rigorously a set of design rules, based on earlier experience, in the design of their new electronics products. However, due to increasing speeds in digital applications, new technologies, compacter designs, higher safety and reliability demands and the increasing application of electronics in harsh environments, the design engineer is often confronted with issues that cannot easily be accounted for anymore without in-depth physical insight.

To tackle these problems, simulations can help the design engineer to gain more insight in the real behaviour of a new design. Simulations can be used for different design areas, such as the electromagnetic, thermal and dynamic behaviour of the electronics, avoiding interdisciplinary problems already in the first prototypes.

However, applying simulations in electronics design is not straight-forward. Design engineers are confronted with a lot of questions. In which detail does one need to model a design? How reliable are the obtained results? Which software tools are available? All these issues and a lot more will be tackled in our workshop on Software Aided Design: Challenges and Opportunities.

TARGET GROUP

Electronics design and project engineers and CAD designers.

PROGRAM

13h00: Reception and coffee

13h30 – 14h20 :

Analysis Leads Design – Frontloading CAE Simulation in the Mechatronics Engineering Process.

Stijn Donders – LMS

14h20 – 15h10 :

Practical view on the use of simulations within TE Connectivity.

Lieven Decrock – TE connectivity

15u10 – 16h00:

Marriage Proposal Between EM-simulation tools and Lab-Measurements, is it possible?

Hany Fahmy – Agilent Technologies

16h00 – 16h15: Coffee

16h15 – 17h05:

A practical view on thermal and structural simulations for PCBs and their enclosures for conceptual and detailed designs.

Christophe Vandeveld – Siemens

17h05 – 17h50:

MEMS-Based System Solutions: Designs, Tradeoffs and Applications

Erwin De Baetselier – Open Engineering

17h50 -19h00: Reception

FEE

Fee for normal participants:
€ 60 (exclusive VAT).

Fee for members Agoria:
€ 50 (exclusive VAT).

Members DfX Bridge project: Free of charge.

When registration is received, an invoice will be sent.

Hand-outs and refreshments are included in the price.

VAT number FMEC: BE 0455 932 266.

REGISTRATION

Please confirm your participation before Tuesday May 24th 2011 by means of:

- Fax registration form to:

Joke Margodt
FMEC
Lab for EMC & Global Reliability
Dept. IW&T, KHBO
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- confirm your participation by mail:

e-mail: joke.margodt@khbo.be