

## Electronics Manufacturing 2020: Competitive Electronics Assembly nearby

In the Western electronics industry the dominating paradigm of the 1990's was a dismantling of the vertically integrated electronics companies and a massive subcontracting of manufacturing to low labor cost factories in the (Far) East. This has led to a highly complex and fragmented electronics supply chain.

Recently many companies have become aware of the disadvantages of manufacturing at the other side of the planet when servicing their Western customers. Re-shoring and near-shoring are the new buzz words. Combined with a renewed interest and stimulation of local manufacturing by US and EU governments a paradigm shift in electronics manufacturing may be on the verge of a breakthrough.



During this cEDM event we will give a view on this paradigm shift and what is key to competitive electronic products nearby.

Geert Willems of **cEDM** explains how the main asset of the Benelux – brainpower – can be a major competitive advantage in electronics product development and manufacturing. An overview of cEDM's knowledge supporting electronic product development will be presented.

Two of our partners will testify on how they successfully manage their manufacturing:

- Gert D'Handschoetter explains why he has taken the decision to integrate electronics manufacturing in his company **E.D.&A** and what is key to its success.
- Guy de Winne will enlighten us on **Newtec Manufacturing Competence Centre's** view on competitive manufacturing of Newtec products and to provide manufacturing services to 3<sup>rd</sup> parties. He will explain what is behind Newtec's "2015 Factory of the Future" award.

Finally, Craig Hillman will explain the importance of product reliability and Design-for-Reliability. **DfR Solutions (US)** has developed the tool Sherlock to assist the Design for Reliability process.

During the afternoon, you have the possibility to visit an **exhibition** where cEDM and its partners showcase their developments, tools and services.

**Agenda : November 20<sup>th</sup>, 2015**

- 13:30 Doors open
- 14:00 Welcome
- 14:10 Competitive Electronics Assembly nearby  
Geert Willems, Group leader cEDM @ imec
- 14:40 Taking manufacturing activities back in your own hands  
Gert D'Handschoetter, Managing Director @ E.D.& A.
- 15:10 Coffee break – Visit to the exhibition
- 15:30 2015 : Factory of the future  
Guy de Winne, Director Manufacturing Operations @ Newtec
- 16:00 Design for Reliability : a condition for successful product introduction.  
Craig Hillman, CEO @ DfR Solutions
- 16:30 Visit to the exhibition  
Networking  
Drinks - Snacks
- 19:00 Closure

**Practical information**

cEDM event participation:

- Participation is free of charge
- Location: imec, Kapeldreef 75, 3001 Heverlee
- Registration via e-mail: [academy@imec.be](mailto:academy@imec.be)

**Center for Electronics Design & Manufacturing**

Interested in member- or partnership of cEDM, or need for more information :  
please contact : Bart Cox, [bart.cox.ext@imec.be](mailto:bart.cox.ext@imec.be), +32 16 283108

More cEDM info: [www.cedm.be](http://www.cedm.be)

The Center for Electronics Design & Manufacturing (cEDM) 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).*



Supported by IWT in the framework of VIS-InProVoL