



**IMEC  
TECHNOLOGY  
FORUM  
ENABLING  
TECHNOLOGIES  
FOR SMART LIFE**

February 6, 2012  
Grand Intercontinental Hotel,  
Seoul, Korea

## Program

**12:00 - 12:55 REGISTRATION AND WALKING LUNCH**

12:55 - 13:00 Welcome  
H.D. Cho, President, SEMI Korea

13:00 - 13:40 Keynote: Semiconductors, core of a sustainable society  
Luc Van den hove, President and CEO, imec

13:40 - 14:20 Keynote: tbd  
speaker: tbd

14:20 - 14:50 Changing the face of life science with nanoelectronics  
Peter Peumans, Department director bio-nano electronics, imec

**14:50 - 15:20 COFFEE BREAK**

15:20 - 15:50 Ultra-low power ultra-high speed versatile radios  
Liesbet Van der Perre, Director green radios program, imec

15:50 - 16:20 Wireless sensor systems for safer transport and smarter buildings  
Mercedes Crego Calama, Program manager ultra low power sensors, imec / Holst Centre

16:20 - 16:50 Exploiting the 3<sup>rd</sup> dimension  
Julien Ryckaert, Senior researcher INSITE program, imec

16:50 - 17:20 Enabling the economics of LED and power electronics  
Serge Biesemans, Vice president process technology, imec

17:20 - 17:50 Logic and memory scaling roadmap beyond 15nm  
Malgorzata Jurczak, Manager of memory devices program, imec

**17:50 - 19:30 NETWORKING RECEPTION WITH FINGERFOOD**

