

Program

12:30 - 13:00 REGISTRATION AND COFFEE

Opening keynote

- 13:00 - 13:10 Welcome
Gilbert Declerck, Executive Officer imec & Member of the Board of Directors imec International
- 13:10 - 14:00 Nanoelectronics for a better life in a sustainable society
Luc Van den hove, President and CEO

Towards sustainable energy solutions

- 14:00 - 14:25 Photovoltaics on the verge of industrial maturity?
Jef Poortmans, Department director solar and organic technologies
- 14:25 - 14:45 GaN-on-Si technology for power and LED applications
Serge Biesemans, Vice-president process technology

Shaping tomorrow's healthcare today

- 14:45 - 15:10 Wearable healthcare
Bert Gyselinckx, General manager Holst Centre/imec - program director HUMAN++
- 15:10 - 15:30 Bionano for powerful healthcare diagnostics and therapy
Wolfgang Eberle, Manager bioelectronic systems group - program manager cell interfacing technology

15:30 - 16:00 COFFEE BREAK

Smart systems

- 16:00 - 16:20 Low-impact radios for a sustainable future internet
Liesbet Van der Perre, Director green radio program line
- 16:20 - 16:45 NVISION: towards ultimate vision systems
Francesco Pessolano, Manager NVision program

Towards the ultimate IC

- 16:45 - 17:05 Pushing lithography to enable ultimate nanoelectronics
Kurt Ronse, Director advanced lithography program
- 17:05 - 17:30 Logic and memory scaling beyond 22nm
Thomas Y. Hoffmann, Director logic DRAM front-end-of-line program
- 17:30 - 17:40 Interconnect @ imec
Tokei Zsolt, Director nano interconnects
- 17:40 - 17:55 3D @ imec
Eric Beyne, Director 3D system integration
- 17:55 - 18:20 INSITE: technology-design interaction
Diederik Verkest, Scientific director of the digital components group

18:20 WALK TO BELGIAN EMBASSY FOR RECEPTION