

INVITATION

November 26th-27th 2025

New Babylon, Nieuwe Kerk, NETHERLANDS



IPCEI Microelectronics and
Communication Technologies



Draft Programme

Day 1 – Morning

- PAB Meeting (restricted)
- FG Meeting (restricted)
- TG Meeting (restricted)

Day 1 – Afternoon

- **Opening Session – Welcome**
 - Opening of the Forum - **Charlotte Geerdink**, professional moderator
 - TBC: Welcome address by **Minister** (key facts & inspiring message)
 - Extended greetings: Enabling and Emerging Technologies – **Gustav Kalbe**, Acting Director of DG Communications Networks, Content and Technology C Digital Excellence and Science Infrastructure, European Commission
 - **Keynote:** Changing Geopolitical Context – **Ron Keller**, economist and former Dutch top civil diplomat, former ambassador to Ukraine, Russia, Turkey and China
 - **Panel Discussion:** Doing Business in a Changing World with industry leaders
 - **Amal Tourabi** (ASML Head of Government Affairs Netherlands)
 - **Hamed Sadeghian** (CEO Nearfield)
 - **Corinna Wolf** (Infineon Head of Global Sustainability)
 - **Janine Dobelman** (NXP Head of Government Affairs)
- **Pitching & Networking on the Demo Floor** – 5-minute technology pitches linked with displayed posters
- **General Assembly Administrative Reporting** (direct participants only)

Evening : Networking Reception at the historic Nieuwe Kerk

Day 2 – Morning

- **Parallel Technical Workshops**
 - **Workshop 1: SENSE + THINK**
 - Next-generation CMOS image sensors for automotive – **Vincent Tirard** (STMicroelectronics)
 - AI-enabled sensing solutions – **Stefan Ruebenacke** (Bosch Sensortec)
 - Revival of memory in the EU: advanced system memory for energy-efficient AI data centres – **Sabine Kolodinski** (Ferroelectric Memory)
 - Cutting-edge AI technologies by European SMEs
 - Integrated graphene photonics – **Ogi Brkic** (BlackSemi)
 - Self-learning AI under severe hardware constraints – **Bort Tomáš** (Mycroft Mind)
 - Memristor R&D for industry – **Jaroslav Dzuba** (Bizzcom)
 - **Workshop 2: ACT + COMMUNICATE**
 - SiC at scale: from vision to impact – **Michael Rüb** (mi2-factory)
 - CoolSiC Power MOSFET efficiency and lifetime – **Ainhua Puyadena-Mier** (Infineon)
 - Automotive challenges with next-gen SiC power modules – **Dirk Brauer** (Valeo)

- Enablers for future communications
 - Optical transceivers for automotive applications – **Carlos Pardo** (KD Tech)
 - Continuous-time Sigma-Delta for wireless communication – **Peter Hospodar** (ContiniumTech)
 - Millimeter-wave converters enabled by GaN-on-SiC HEMT – **Robert Makon** (R&S)
- **General Assembly Technical Reporting** (direct participants only)

Day 2 – Afternoon

- **General Assembly Technical Reporting** (direct participants only)
- **Session on Spill-Over Activities**
 - Theoretical background presented through a master thesis
 - Three company best-practice presentations
 - Q&A
- **Forum Wrap-Up & Closing Session**
 - Summary of key outcomes and announcements
 - Presentation of next event
- SB Meeting (restricted)

Registration

Participation is free of charge, but **registration is required**. Please register via:

<https://www.ipcei-mect-forum2025.nl/home/>

Further practical information will be shared upon registration.

While the **General Assembly session itself remains restricted to direct participants**, all **registered attendees, including direct participants, associated partners and indirect partners, are warmly welcome to take part in the full networking programme throughout the event.**

We look forward to welcoming you in The Hague.