

SEMICON Europa 2022 Opening Ceremony

CHIPS POWERING THE DATA AGE



Laith Altimime
SEMI Europe President



Strategic Partnership

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EUROPA**



Messe München

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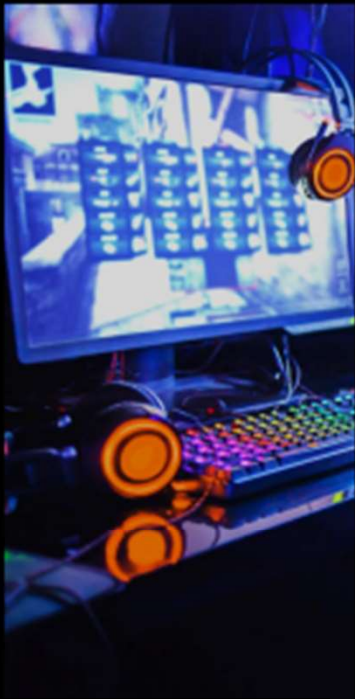


A photograph of an industrial refinery at night. The scene is illuminated by the warm glow of the facility's lights and the orange and yellow hues of a sunset or sunrise sky. Several tall smokestacks are visible, with one in the center emitting a plume of white smoke. The complex structure of the refinery, including pipes, valves, and storage tanks, is silhouetted against the bright sky. The overall atmosphere is one of industrial activity and energy.

Data is the New Oil

Chips is the New Oil

Megatrends Powering the Digital Revolution



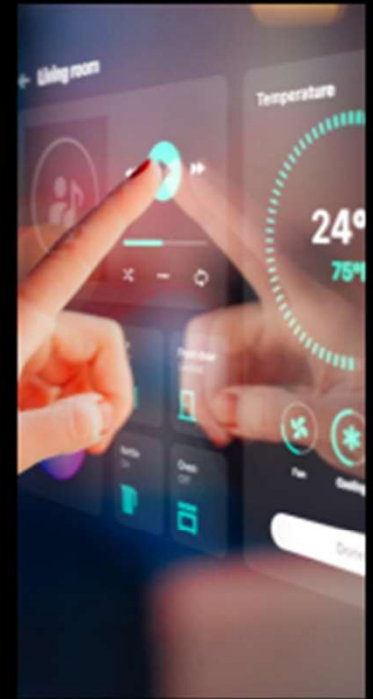
Digitization

Data



**Cloud /
Edge**

AI/ML



Connectivity

Growth Driven by Electrification & Digitization

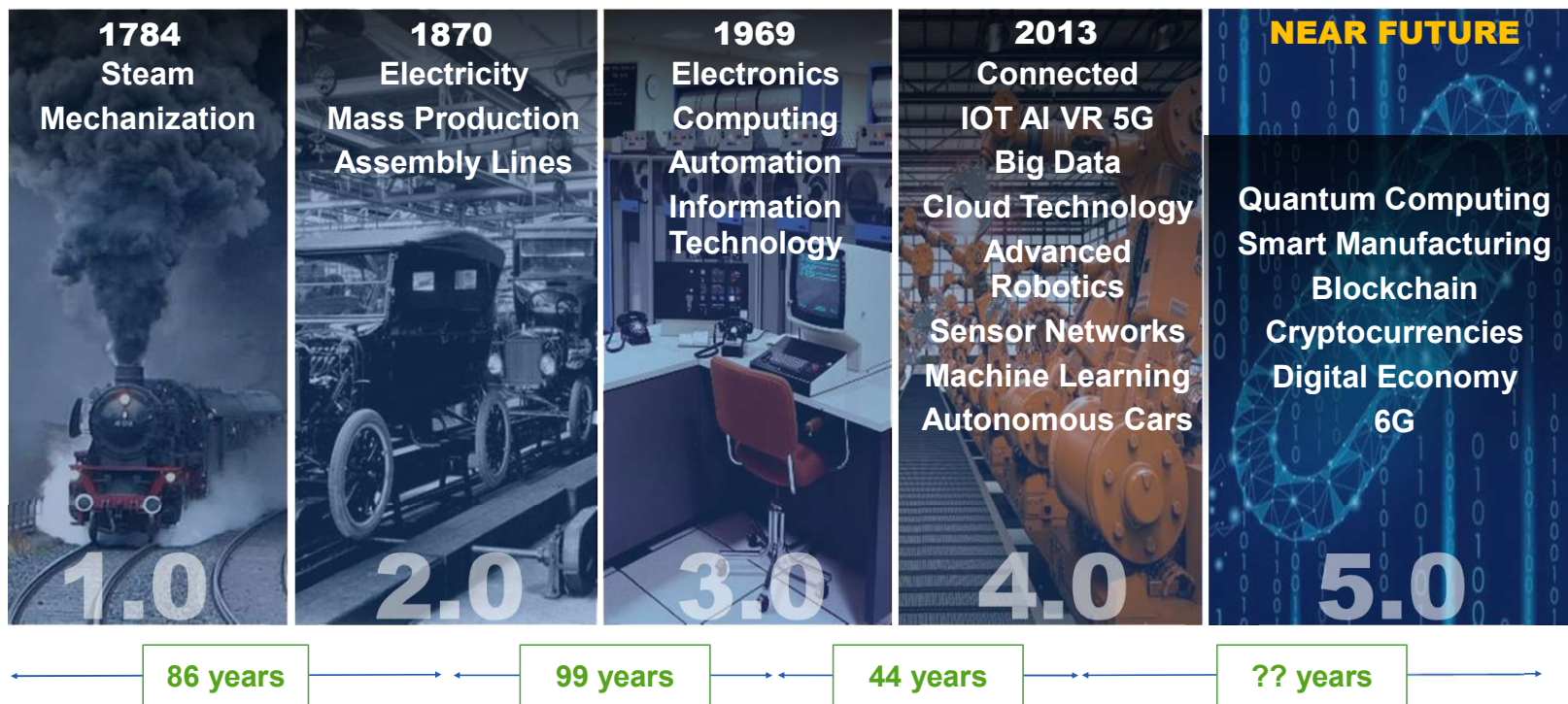
Semiconductors
as a % of premium vehicle BOM



Sources: Roland Berger, McKinsey, internal analysts

4th Industrial Revolution

AI and Connectivity are Rapidly Accelerating the Path to the 5th Industrial Revolution



Accelerated Speed of Technology Innovations

Current Semiconductor Supply Chain

% Global Manufacturing Capacity 2020



Challenges:

- Supply Chain
- Diverse Workforce
- Sustainability

**Europe to Reach 20% Global Market Share
by 2030 and a More Resilient Ecosystem**

Government and Companies Investing Semiconductors Accelerating the Digital Transformation



Government
Incentives in
Consideration:



Manufacturing
Investment



Tax Break



R&D Investment



Workforce
Development

Europe's Microelectronics Ecosystem

European Leadership



Semiconductor Research



Semiconductor For Automotive, IOT, MS/RF, Sensors, Power



Lithography Equipment & Materials



Mobile Network Equipment



RTOs

Suppliers

Design & Manufacturing







*"We want our country to be
at the vanguard of industrial
and technological progress."*

Prime Minister Pedro Sanchez

**Spain Plans to Invest \$12Bn
in Semiconductors
to Modernize Tourism-
dependent Economy**



France Invests Over €5Bn in Semiconductors

"This should contribute to an increase in production by around 30% in France over the next four to five years with the objective to make us more autonomous and to accelerate in particular our energy and climate transition."



**Bosch to Invest More than €400M
in its Semiconductor Fabs in 2022**





Part of your life. Part of tomorrow.



Infineon opens new chip factory at its site in Cegléd, Hungary, dedicated to the assembly and test of high-power modules for electromobility and green energy generation.



Supply Chain

SEMI Supply Chain re-Design



Sustainability

SEMI Semiconductor Climate Consortium



Diverse Workforce

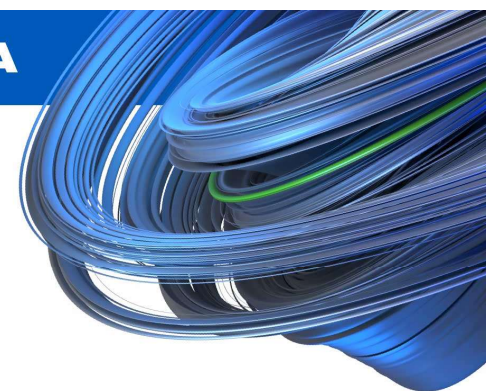
Diverse Talent pipeline to support industry growth
Pact for Skills, METIS, SEMI University

SEMI - Advancing The Industry that is Transitioning the World

SEMICON Europa Highlights



Opening Ceremony Keynotes



Lee Choon Heung
Chief Technology Officer
JCET Group



Axel Fischer
VP, Foundry Business EMEA
Samsung Semiconductor
Europe



Barbara Frenkel
Member of the Executive Board,
Procurement
Porsche AG



Luc Van den hove
President & CEO
imec



Laura Matz
Chief Science and Technology
Officer Merck and CEO
Athinia



Grzegorz Ombach
Head of Disruptive R&T,
Senior Vice President
Airbus



Frans van Houten
Former CEO
Royal Philips



Kate Wilson
President, Semiconductor
Division
Edwards Vacuum



Amitesh Kumar Sinha
Joint Secretary & CEO, India
Semiconductor Mission Ministry of
Electronics & Information
Technology Government of India



Advanced Packaging Conference Keynotes

November 16 | ICM, Room 14C



Leopold Beer

VP Product
Management ASIC's &
SOC's
Robert Bosch GmbH



Yin Chang

Sr. Vice President,
Sales & Marketing
ASE, Inc.



Bernhard Knott

Head of the Infineon
Technologies Backend
Innovation Group
Infineon



Frans Scheper

President & General
Manager EMEA
Intel Corporation



José Silva

Vice President of
Operations & R&D
Amkor Technology
Europe



**Ramachandran
Trichur**

Global Head of
Semiconductor
Packaging Henkel
Corporation



Fab Management Forum Keynotes

November 16 | ICM, Room 14A



Andreas Aal
Semiconductor Strategy
Volkswagen AG



Michael Alexander
Partner Advanced
Technology Center
Industrial Platform
Roland Berger



Ralf Bornefeld
Senior Vice President
Power Semiconductors
& Modules
Robert Bosch GmbH



BOSCH



Urs Frey
CEO
MaxWell Biosystems
AG

maxwell
BIOSYSTEMS



Dan Hutcheson
Vice Chair
TechInsights Inc.

Tech
Insights



Henryk Schoder
Vice President Human
Resources
X-FAB Group

xfab



Rico Tillner
CEO
X-FAB Dresden

xfab

The Future Of Work Keynotes



Françoise Chombar
Chairwoman
Melexis



Martin Stöckl
Senior Vice President / Global
Head of HR People and
Organization Effectiveness
Infineon Technologies AG



Smart and Green Manufacturing Summit Keynotes



Alessandro Curioni

IBM Fellow, Vice President
Europe and Africa and Director
IBM Research
IBM



Claire HyunJung Seo

Corporate Vice President DS
Corporate Sustainability
Management Office Samsung
Electronics



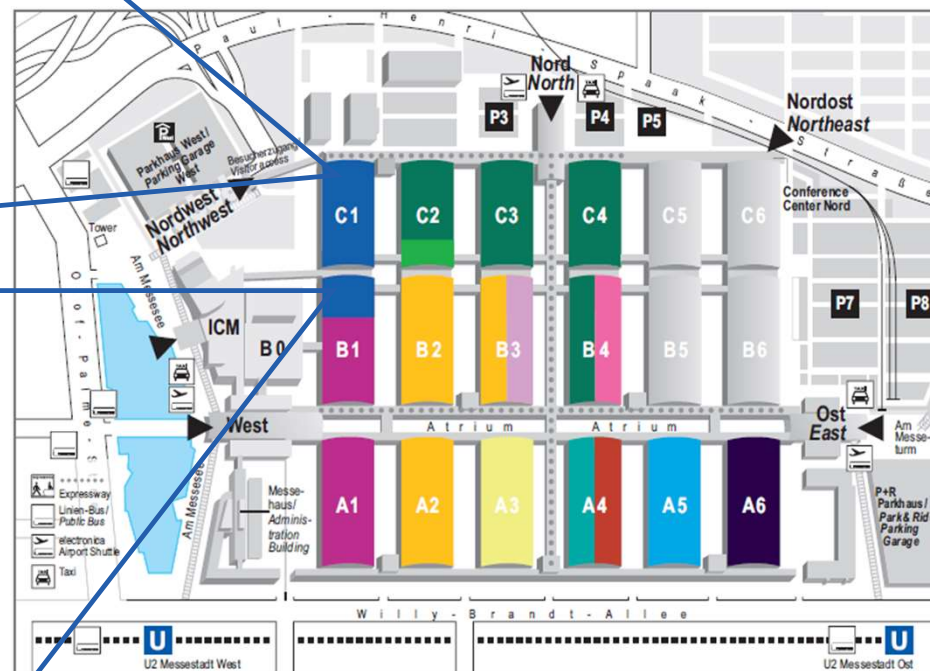
Anneclaire Mohr

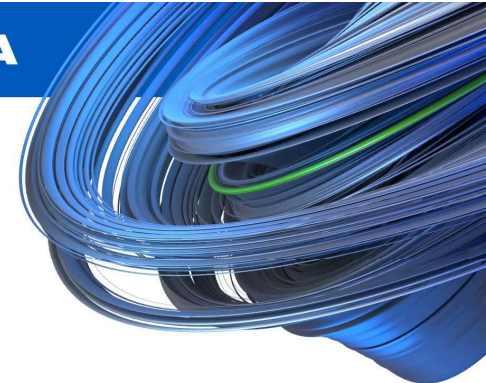
Managing Attorney, Business,
Regulatory and Sustainability
Legal (Europe, Middle East and
Africa)
Intel Germany



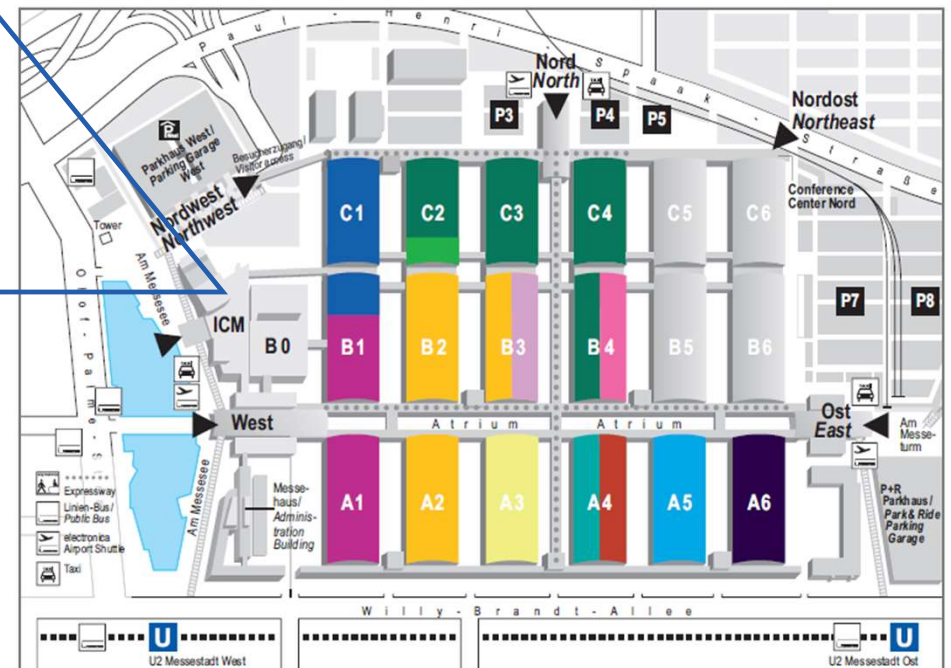
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Exhibition map of the 2015 Electronics Fair. The map shows a large hall with various exhibition booths labeled with numbers. A blue square labeled "Executive Forum" is located on the left side. The text "electronica fair" is written in the center of the hall. Booths are arranged in rows and columns, with some booths having sub-labels like "BL 907", "BL 905", "BL 903", "BL 904", "BL 906", "BL 908", "BL 909", "BL 910", "BL 911", "BL 912", "BL 913", "BL 914", "BL 915", "BL 916", "BL 917", "BL 918", "BL 919", "BL 920", "BL 921", "BL 922", "BL 923", "BL 924", "BL 925", "BL 926", "BL 927", "BL 928", "BL 929", "BL 930", "BL 931", "BL 932", "BL 933", "BL 934", "BL 935", "BL 936", "BL 937", "BL 938", "BL 939", "BL 940", "BL 941", "BL 942", "BL 943", "BL 944", "BL 945", "BL 946", "BL 947", "BL 948", "BL 949", "BL 950", "BL 951", "BL 952", "BL 953", "BL 954", "BL 955", "BL 956", "BL 957", "BL 958", "BL 959", "BL 960", "BL 961", "BL 962", "BL 963", "BL 964", "BL 965", "BL 966", "BL 967", "BL 968", "BL 969", "BL 970", "BL 971", "BL 972", "BL 973", "BL 974", "BL 975", "BL 976", "BL 977", "BL 978", "BL 979", "BL 980", "BL 981", "BL 982", "BL 983", "BL 984", "BL 985", "BL 986", "BL 987", "BL 988", "BL 989", "BL 990", "BL 991", "BL 992", "BL 993", "BL 994", "BL 995", "BL 996", "BL 997", "BL 998", "BL 999", "BL 1000".

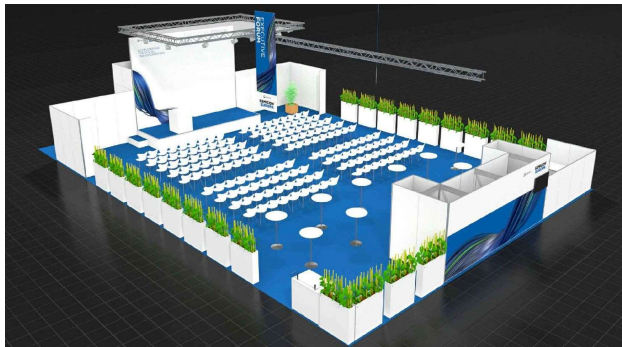




Wednesday, November 16 | 8:30 am - 6:00 pm | ICM 14A



Executive Forum | Hall B1



Tue
15th
Nov

Opening Ceremony – Chips Powering the Data Age
The Future of Work
Flash Mentoring & Networking

Wed
16th
Nov

Materials Innovation
SMART MOBILITY 
Electrification & Power Semiconductors

Thu
17th
Nov

Smart and Green Manufacturing Summit

TechARENA | Hall C1



Tue
15th
Nov

Integrated Photonics

Wed
16th
Nov

SMART MEDTECH



Future of Computing

Chips Hub Europe and Collaboration in Action

Thu
17th
Nov

SCREEN: Innovation Inspired by Sustainability

Meet the SEMIs

Greenfield vs. Brownfield – How Global Government Incentives Could Tip the Fab Balance

Innovation Showcase – Part 1

Fri
18th
Nov

Innovation Showcase – Part 2

ICM | Room 14A & 14C

Tue
15th
Nov

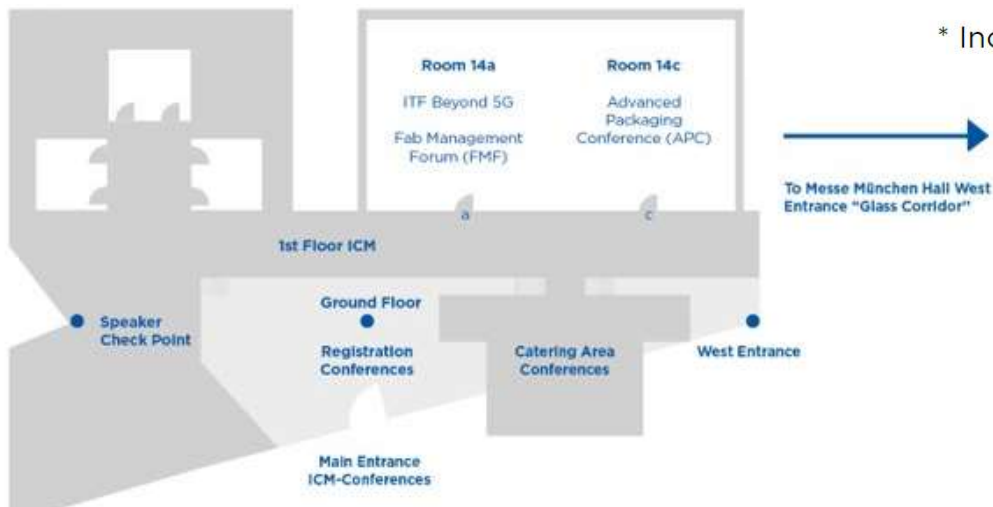
ITF Beyond 5G – Powered by imec*

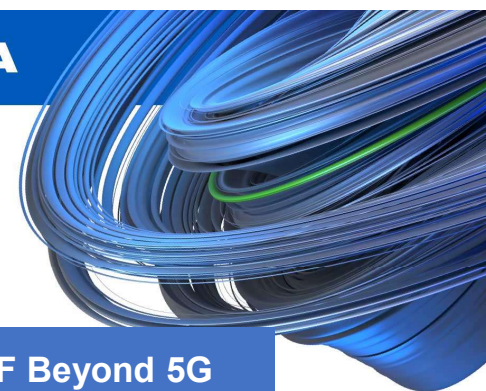
Wed
16th
Nov

Advanced Packaging Conference (APC)*

Fab Management Forum (FMF)*

* Including Networking Receptions





Networking Opportunities

SEMI Networking Night

- Tuesday, November 15 | 7:30 pm – 10:30 pm
- Hotel Bayerischer Hof, Promenadeplatz 2-6

Flash Mentoring and Networking

- Tuesday, November 15 | 3:55 pm – 4:25 pm
- Executive Forum, Hall B1

Networking Lunch, Smart and Green Manufacturing Summit

- Thursday, November 17 | 12.05 pm – 12.50 pm
- Executive Forum, Hall B1

Networking Reception, imec ITF Beyond 5G

- Tuesday, November 15 | 5:00 pm – 6:30 pm
- ICM, Room 14A

Networking Reception, FMF and APC

- Wednesday, November 16 | 6.00 pm – 7:00 pm
- ICM Foyer

Exhibitor Booth Parties

- Wednesday, November 16 | 4:00 pm – 8:00 pm
- SEMICON Europa Halls B1, C1

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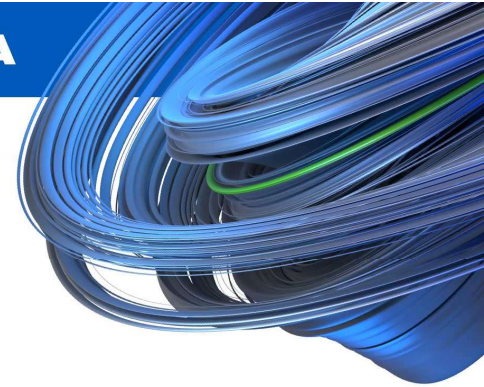
Silver



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MANUFACTURING
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**FAB MANAGEMENT
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Media Partners



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Laith Altimime
President SEMI Europe



Cassandra Melvin
Senior Director, Business



Christopher Frieling
Director, Advocacy and Public



Serena Brischetto
Director, Marketing and Event



Adi Hodorov
Senior Manager, Key Accounts



Robert Sellnow
Manager, Events and Exhibition
Sales



Arielle Adiputri Kral
Manager, Events and Exhibition
Sales



Maria Daniela Perez
Manager, Communications



Ana Bernardo
Senior Coordinator, Technology
Programs

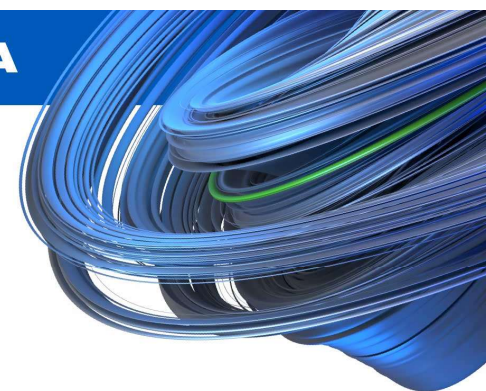


Daria Lieberman
Senior Specialist, Technology

Opening Ceremony



Opening Ceremony Keynotes



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Technology Government of India





Ajit Manocha
President and CEO





Luc Van den hove
President and CEO





Barbara Frenkel
Member of the Executive
Board, Procurement
Porsche AG



PORSCHE





Kate Wilson

President Semiconductor
Division
Edwards Vacuum





Lee Choon Heung
Chief Technology Officer





Laura Matz

CEO, Athinia and Chief
Science & Technology Officer



Athinia

MERCK





Grzegorz Ombach

Head of Disruptive R&T,
Senior Vice President

AIRBUS





Amitesh Kumar Sinha

Joint Secretary & CEO, India
Semiconductor Mission Ministry of
Electronics & Information Technology
Government of India





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Royal Philips

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Axel Fischer

VP, Foundry Business EMEA,
Samsung Semiconductor
Europe

SAMSUNG





SEMICON[®] EUROPA

NOV 14 - 17, 2023 | MUNICH, GERMANY

SAVE THE DATE!

Co-located with



productronica



Thank You!

**Wishing you
a Great SEMICON Europa 2022**



SEMI Team!

