

# SEMICON® EUROPA

NOV 14-17, 2023 | MUNICH, GERMANY



## imec ITF



K. Marent  
EVP & Chief Marketing and Communications  
Officer  
imec, Leuven, Belgium



### Biography

Katrien has an engineering degree in microelectronics. She joined imec in 1992 as analog design engineer and specialized in design of low-noise readout electronics for high-energy physics. In 1999, she became press responsible and scientific editor at imec's business development division and was responsible for authoring and editing the research organization's numerous company technical documents and publications. In 2001, she was appointed corporate communications director at imec. Her responsibilities expanded in August 2007, when she got the position of external communications director including corporate, marketing and outreach communications. In October 2016, she became VP corporate, marketing and outreach communication. Since April 2020 she is Executive Vice President & Chief Marketing and Communications Officer and member of the executive board of imec.

### Topic Coming Soon



L.-A. Ragnarsson  
Program Director  
imec, Leuven, Belgium



### Abstract

Coming Soon

### Biography

Lars Åke Ragnarsson received the M.S. degree and the PhD degree in electrical engineering from Chalmers University of Technology, Göteborg, Sweden, in 1993 and 1999, respectively. Between 2000 and 2002, he did postdoctoral studies with the IBM T.J. Watson Research Center, Yorktown Heights, NY, focusing mainly on the electrical characterization of high-k dielectrics. Since 2002, he has been with imec in Leuven, Belgium, focusing on the development of advanced technologies using high- $\kappa$  dielectrics and metal gates. Today Lars-Åke is a scientific director in compute and memory technologies with a strong focus on the Sustainability of current and future technologies.



## Topic Coming Soon - joint presentation with ASML



E. Gallagher  
Principal Member of Technical Staff  
imec, Leuven, Belgium



### **Abstract**

Coming Soon

### **Biography**

Emily Gallagher is a Principal Member of Technical Staff at imec, focusing on sustainability in semiconductor manufacturing, EUV pellicle membrane development, and advanced patterning. Emily earned her PhD in physics from Dartmouth College where she studied free electron lasers. After graduation, she joined IBM and became immersed in semiconductor technology. She held many wafer fabrication roles at IBM from functional characterization to process integration; the last was leading the EUV mask development effort. She joined imec in 2014 to continue EUV development work. Emily has authored over 100 technical papers, holds over 20 patents, is an SPIE Fellow and co-leads the SEMI SCC Scope1 Working Group.

## Topic Coming Soon



C. Jones  
Environmental Solutions Business Development  
Manager  
Edwards, London, United Kingdom

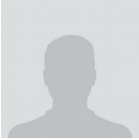


### Abstract

Coming Soon

### Biography

Coming Soon



J.-H. Mohr  
Managing Director and Partner  
Boston Consulting Group, Munich, Germany



### Biography

Coming Soon

## Is Digitalization Really Worth it? The Latest Approaches for Fab Efficiency and Resilience

P. Colombo  
Strategic Account Executive Infineon  
Schneider Electric, Marktheidenfeld, Germany



### Abstract

Are your fabs challenged by lack of efficiency and low resiliency? Attend this keynote to see the latest examples of how digitalization comes to the rescue of both. You'll also see how addressing these challenges through addresses another strategic priority for the industry: sustainability.

### Biography

Infineon Technologies Strategic Account Executive  
Jun 2023 - Present · 2 mos  
Aschaffenburg, Bavaria, Germany ·

Remote  
Aschaffenburg, Bavaria, Germany · Remote

Driving our strategic partnership with Infineon Technologies to deliver more Sustainable values through Manufacturing Excellence, Digitization and Energy Efficiency.  
Driving our strategic partnership with Infineon Technologies to deliver more Sustainable values through Manufacturing Excellence, Digitization and Energy Efficiency.

Europe Segment Leader for Semiconductor  
Jan 2022 - Present · 1 yr 7 mos  
Marktheidenfeld, Bavaria, Germany  
Marktheidenfeld, Bavaria, Germany

EcoStruxure & Internet of Things (IoT) for Innovation and Energy Management | Schneider Electric  
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At Schneider Electric, we aim to improve your business by using EcoStruxure Platform, our IoT-enabled system that leverages Microsoft Azure technology to optimize your operations. Our platform will help you manage energy efficiency and business...  
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Head of the IT Division Go To Market for Industrial OEM's and Food & Beverage segment  
Head of the IT Division Go To Market for Industrial OEM's and Food & Beverage segment  
Mar 2017 - Jan 2022 · 4 yrs 11 mos  
Mar 2017 - Jan 2022 · 4 yrs 11 mos  
Marktheidenfeld

## Topic Coming Soon



K. Nisewaner  
Corporate VP, General Counsel & Corporate  
Secretary  
Cadence, London, United Kingdom

**cādence**<sup>®</sup>

### Abstract

Coming Soon

### Biography

Karna Nisewaner has served as General Counsel and Corporate Secretary of Cadence since September 2022. Nisewaner is responsible for Cadence worldwide legal operations, covering matters such as corporate governance, corporate social responsibility, commercial transactions, employment, export compliance, government affairs, intellectual property, litigation, mergers and acquisitions, and stock administration. Prior to this role, she was Corporate Vice President and Deputy General Counsel at Cadence where she led many key functions in the legal department.

Prior to joining Cadence in 2011, Nisewaner held in-house counsel roles at Intuit and IBM and was in private practice at Finnegan, Henderson, Farabow, Garrett, and Dunner, LLP focused on intellectual property.

Nisewaner received her BSE in civil engineering and operations research from Princeton University and her Juris Doctor degree from UCLA Law School.

## Topic Coming Soon



P. Barnabé  
Group Chief Executive Officer & Director  
Soitec, Paris, France



### Abstract

Coming Soon

### Biography

Pierre Barnabé is a businessperson who has been at the helm of 5 different companies and currently occupies the position of Group Chief Executive Officer & Director at Soitec SA, Chairman for Elexo SAS and Chairman of Bull SAS. He is also on the board of Ipsos SA and Bull SA.

In his past career he occupied the position of Co-CEO & Global Head-Manufacturing Industry at Atos SE and Chairman & Chief Executive Officer of Evidian SA (a subsidiary of Atos SE), General Manager for Société Française de Radiotéléphone SA and Vice President-Human Resources & Transformation at Alcatel-Lucent SAS.

He received an undergraduate degree from NEOMA Business School and an undergraduate degree from École supérieure d'électricité.

## Topic Coming Soon



M. Bhat  
VP Sustainability Programs SEMI  
SEMI, Milpitas, California, United States of  
America



### Abstract

Coming Soon

### Biography

Dr. Bhat is a Semiconductor Expert who has held senior positions within the Semiconductor Industry, Motorola, GlobalFoundries and Micron to name a few over the last 25 years. She has a Ph.D. from the University of Texas at Austin, Masters from MIT and University of Maryland and an executive MBA from Stanford Business School. During her career she has led Transversal, cross functional and multicultural teams across various continents and has led transformation projects that require foundational culture changes.

She is also passionate about creating sustainable business practices and thereby creating an ecosystem of changemakers such as corporates, government, academia and society to accelerate social and economic parity through technological innovations.

In SEMI, within her role as VP of Sustainability Programs, she is responsible for leading teams, directing client engagements, and overseeing processes and deliverables in Environmental Stewardship, Supply Chain and Supplier Resilience, including Responsible Sourcing.