

# SEMICON® EUROPA

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## European Projects for a Diverse Talent Pipeline



C. Frieling  
Director for Advocacy and Public Policy  
SEMI Europe, Brussels, Belgium

### Biography

Christopher Frieling is Director for Advocacy and Public Policy at the SEMI Europe Brussels Office. Christopher has a background in EU affairs, innovation, and tech policy. Prior to SEMI he worked at the Brussels office of Fraunhofer in several roles including most recently as Senior Advisor. Christopher holds an MSc in Economics of Science and Innovation and a Bachelor of Business Administration.

References

## European Chips Skills Academy



V. Cummings  
Senior Manager, Workforce Development and EU  
Projects  
Semi Europe, Brussels, Belgium



### Abstract

This session will present the results from the first year of the European Chips Skills Academy, a European project funded under the Erasmus+ program to address the talent gap in the semiconductor industry. In particular, it will highlight the ECS Summer School, Educational Leaders, ECSA Student Forum, as well as the courses and career resources available on the Academy's e-learning platform.

### Biography

Since joining SEMI Europe in 2023, Victoria works to drive programs that support workforce development and raise awareness of the different career paths in the semiconductor sector. She acts as the Coordinator of the European Chips Skills Academy (ECSA) project and is involved in several projects related to skills.

References

## European Chips Diversity Alliance

R. Gani  
Senior Manager, Diversity and Workforce  
Development  
SEMI Europe, Berlin, Germany



### Abstract

The European Chips Diversity Alliance is a consortium of 11 partners from 6 countries aimed at promoting diversity, equity, and inclusion (DEI) within the European semiconductor industry. The alliance brings together various stakeholders, including industry leaders and academic institutions to address the missing talent and DEI challenges prevalent in the sector. By providing trainings, operational tools, reports, and engagement programs, the alliance seeks to enhance innovation and to improve workplace diversity and inclusion.

### Biography

Reviliani joined SEMI Europe in 2019. In her current role as Senior Manager of Diversity and Workforce Development at SEMI Europe, she coordinates the implementation of the EU Erasmus+ project, European Chips Diversity Alliance, with a mission to lower barriers for under-represented groups in the European semiconductor industry through data, training, and engagement programs. She has over 10 years of experience managing various projects across government and public sectors in Jakarta, Paris, and Berlin. Reviliani holds a Master's Degree in Tourism Project from Lille University.

### References

M. Coates  
Project Manager  
PTvT, International Team, The Hague,  
Netherlands



### Biography

Matthew Coates is a project manager on the international team of the Dutch National STEM platform, PTvT. As a member of the international team, Matthew primarily works with the EU STEM Coalition - a network of STEM platforms, education ministries, and universities across Europe, of which PTvT holds the position of secretariat.

### References

## Panelist

F. Chombar  
Chairwoman and co-founder of Melexis  
Melexis, Ieper, Belgium



## Abstract

Panelist

## Biography

### Summary

Françoise Chombar is Chairwoman and co-founder of Melexis. She has been the CEO of Melexis for 18 years. She has held executive positions with a number of tech companies. Ms Chombar is currently member of the Board of Umicore, the Board of Soitec and the advisory Board to Byteflies.

She is equally president of the STEM platform, an advisory board to the Flemish government, aiming to encourage young people to pursue a Science, Technology, Engineering or Mathematics education.

Françoise Chombar's long-term commitment to actively advocating more STEM and more gender balance is driven by the profound belief in their positive societal impact.

### Awards

Françoise Chombar is the recipient of numerous awards including the Vlerick Award, the Global Prize for Women Entrepreneurs of BNP Paribas, ICT-Personality of the Year by Datanews, Science Fellowship at the VUB, Honorary Award by the Flemish Community and the Computable Lifetime Achievement Award.

### Education

Ms Chombar holds a Master's Degree in interpreting (Dutch, English and Spanish) from Ghent University.

References

## Innovation and Collaboration: Powering Sustainable Exponential Growth

A.-R. Vuorikari-Antikainen  
Chief Commercial Officer  
Okmetic Oy, Vantaa, Finland



### Abstract

\*\*\*See Victoria\*\*\*

### Biography

Anna-Riikka Vuorikari-Antikainen has a 30+ years' track record in the semiconductor business. She has worked for the silicon wafer producer, Okmetic, in several management positions during this time. Okmetic is the market leader in advanced, customized silicon wafers for the production of MEMS, sensors, radio frequency filters and devices as well as power devices.

Vuorikari-Antikainen has held the position of Chief Commercial Officer since 2020. Prior to this, Vuorikari-Antikainen was Senior Vice President, in the fields of both Products and Customers and Markets, with a full grasp of product and process development as well as Okmetic's global sales.

Prior to her membership in the Executive Management Group, Vuorikari-Antikainen held positions in quality, planning, and new business development at Okmetic since 1992. She has a Master of Science degree in physical metallurgy and strategies and international marketing from Helsinki University of Technology (today Aalto University).

### Positions of Trust

Vuorikari-Antikainen is an active member in SEMI organization, such as SEMI's Silicon Manufacturers Group (SMG) and the International MEMS/MST Industry Forum Committee (MEMS) in Semicon Europe. She has been a board member of several Finnish tech companies and keeps contributing to the MEMS cluster in Finland.

References

## Attracting Diverse Talent to the Microelectronics Industry

N. Maguire  
CEO  
EudaOrg, Cork, Ireland



### Abstract

Not applicable

### Biography

Nessa is the CEO of EudaOrg. Nessa holds a Masters in Applied Positive Psychology and Coaching Psychology, with a strong research interest in building inclusive cultures. A published researcher, Nessa has fifteen years international experience advising private companies and government bodies in supporting diverse needs across education and the private sector. EudaOrg was established in 2021 by psychologists and experts in organisational change Nessa Maguire and Allison Kuschel, to provide technology and advisory services in diversity, equity, and inclusion to commercial companies and sectoral bodies.

References

# AI-Driven 3D X-Ray Inspection: A Game-Changer for Advanced Semiconductor Packages

I. Drolz  
Vice President Marketing & Product Strategy  
Comet, Hamburg, Germany



## Abstract

Coming Soon

## Biography

Isabella Drolz serves as the Vice President of Marketing & Product Strategy at Comet AG's X-ray Systems Division. The division develops advanced X-ray/CT systems and AI software solutions under its brands Comet Yxlon and Dragonfly. Comet Yxlon provides X-ray and CT inspection solutions from lab to fab environments, while Dragonfly offers AI-powered software that enables scientists, researchers, and industrial customers to perform complex image analyses and extract actionable insights in a repeatable, reliable, and cost-efficient manner, driving product yield.

In her role, Isabella oversees Market and Product Management, Global Application & Training Centers, Marketing, and the Academia Program. She holds a degree in industrial engineering, a Bachelor of Science in International Business Administration, and an MBA from Southern Nazarene University in Oklahoma City, USA. With a strong background in mechanical and plant engineering, Isabella has held several management roles focused on market-driven product and business development.

References

## European Projects for a Diverse Talent Pipeline

M. Wolfgruber  
Head of Talent & Skills Funding and Collaborative  
Projects, Infineon Technologies Austria  
Infineon Technologies Austria AG, Talent & Skills  
Funding and Collaborative Projects, Villach,  
Austria



### Abstract

European Projects for a Diverse Talent Pipeline

### Biography

Martina is a seasoned Human Resources professional with over 20 years of experience across various domains, including talent marketing, development and project management. Currently, she serves as the Head of Talent and Collaborative Projects in Austria, where she is responsible for overseeing funded projects focused on talent attainment and promoting careers in the microelectronics sector. Her expertise also extends to advancing science and education initiatives in this field.

She is accountable for overseeing funded projects focused on cultivating and developing rising talents, ultimately contributing to the growth of a skilled future workforce for the microelectronics industry.

References

**Not applicable**

A. Gabrelian  
Doctoral Researcher  
Aalto University, Espoo, Finland



**Aalto University**

**Abstract**

Not applicable

**Biography**

Artem Gabrelian is a doctoral researcher at Aalto University's Electronics Integration and Reliability group. With a master's degree in Electrical Engineering and a strong focus on Semiconductor Devices and Material Science, his current research is centered on the design and analysis of state-of-the-art MEMS/NEMS systems.

References