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European Projects for a Diverse Talent Pipeline

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

Coming Soon

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 is the Vice President Product Marketing at Comet Yxlon, which is the industrial X-ray & CT inspection system division of Comet. Comet Yxlon provides X-ray & CT inspection solutions for R&D labs & production environments, especially for Semiconductor customers to enhance their productivity. In her role, she is responsible for product management, business development, global application solution centers, and marketing at Comet Yxlon. Isabella has next to her industrial engineering education, a Bachelor of Science in International Business Administration, and an MBA degree from Southern Nazarene University in Oklahoma City, USA. She has held several management positions in the mechanical and plant engineering industry driving market-oriented product 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

**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