

# FULL STEAM AHEAD

## Welcome to our growing Semiconductor team

Global mega trends, including the push towards vehicle electrification and autonomous driving, look set to ensure continued strong growth across all our core segments of Power, MEMS and Wireless. We also see exciting new opportunities too in a sector we call Front End Integration where we can address the additional process steps on the CMOS wafer needed to integrate non traditional “More than Moore” technologies. You can read more on this topic through some of the work we are doing to address challenges in 3D IC and heterogeneous integration here within our SEMICONDUCTOR chapter of LAYERS.

A growing business needs a growing team. I am pleased to welcome Admir, Dino, Hossein and Vinoth to BU Semiconductor in their roles as Product Marketing Managers (PMM).

### Dr. Carlo Tosi Head of BU Semiconductor

Three years after joining Evatec as PMM for Wireless business, Carlo became Head of BU Semiconductor in October 2022. He brings wide academic and industrial experience to his role from his career before joining Evatec. After completing his PhD in thin film semiconductor radiation detectors, he worked in research and technology transfer within thin film photovoltaics before taking on commercial roles including technology management within the Power Semiconductor Industry.



### Admir Asanoski PMM – Front End Integration

After completing his broad apprenticeship in mechanical engineering, Admir went on to gain his Bachelors degree in System Engineering and Microtechnology. Complimenting his thin film know-how in semiconductor applications, his previous work experience in photonics and optoelectronics included responsibility for Application Engineering within BU Optoelectronics at Evatec and gives him a strong focus on delivering the same robust process solutions to customers working in Semiconductor applications.



### Dr. Dino Faralli PMM – MEMS

Dr. Dino Faralli is a physicist gaining his first and postgraduate degrees at the University of Perugia, Italy. He has over 20 years experience working in semiconductor industry. From R&D of new materials to product design, development & testing with successful technology transfer from lab to fab, he is well versed with the device manufacturing environment. His main focus has been on a wide range of MEMS applications and devices including microphones, pressure and magnetic sensors, microfluidics, print-heads, piezoelectric actuators and PMUTs.



### Dr. Hossein Elahipanah PMM – Wireless

Hossein received his PhD in microelectronics from KTH university in Stockholm. He has over 12 years of experience in semiconductor industry ranging from start-ups leading the development and industrialization phase to program management in high volume production for automotive application. He has worked in foundries giving him hands-on experience in fabrication processes and a complete understanding of vertical and lateral process technology, topographical design rule generation, and SPC analysis. He has worked in several technology areas including ultra-high voltage silicon carbide (SiC) and compound semiconductors, low-voltage CMOS and photonic ICs (PICs), RF ICs and ASICs.



### Dr. Vinoth Sundaramoorthy PMM – Power Devices

Dr. Vinoth Sundaramoorthy has completed his PhD in Semiconductors devices from the University of Nottingham, UK and Executive MBA in General Management from Executive Business School, University of St Gallen.

He has extensive experience in the semiconductor field for over 18 years that includes hand on experience in power semiconductors and related applications development (14 years). In his previous job at ABB Switzerland, he was involved in the product development of various power semiconductor devices and managed several semiconductor related global projects for different business units.