

SEMICON® EUROPA

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MEMS & Imaging Summit

Welcome Remarks

L. Altimime
President
SEMI Europe, Berlin, Germany



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Coming Soon

Biography

Laith Altimime, as President of SEMI Europe, leads SEMI's activities in Europe and the Middle East and Africa (EMEA). Altimime has P&L responsibility as well as ownership of all Europe region programs and events, including SEMICON Europa. He is responsible for establishing industry standards, advocacy, community development, expositions, and programs. He provides support and services to SEMI members worldwide that have supply chain interests in Europe. He manages and nurtures relationships with SEMI members in the region and globally as well as with local associations and constituents in industry, government, and academia. Altimime has more than 30 years of international experience in the semiconductor industry. Prior to joining SEMI in 2015, He held senior leadership positions at NEC, KLA-Tencor, Infineon, Qimonda and imec. Altimime holds an MSc from Heriot-Watt University, Scotland.

References

Smart Sensors for Smart Life – How Advanced Sensor Technologies Enable Life-Changing Use Cases

S. Finkbeiner
Generalmanager
Bosch Sensortec, BST/GM, Reutlingen-
Kusterdingen, Germany

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Smart and tiny sensors are catalysts for addressing major modern challenges like enhancing environmental health and elevating human well-being.

The rapid development of hearables and wearables promise entirely new fields of applications improving the user's well-being and lifestyle by integrating many different functions in multiple connected devices. MEMS sensors play a crucial role in the realization of such innovative devices. The presentation shows how cutting-edge sensor technology enables innovative devices for advanced use-cases. There will be a special focus on connected devices and the extended usage of algorithms on the sensor which enable even more complex applications. This leads to completely new use-cases such as full-body motion tracking, indoor navigation and air quality tracking.

The examples underscore the synergy between MEMS sensors and smart algorithms, unlocking vast potential across diverse fields. The presentation concludes with an outlook on innovative use cases ahead.

Biography

Dr. Stefan Finkbeiner has been CEO and General Manager at Bosch Sensortec GmbH since 2012.

In 2015, Dr. Finkbeiner was awarded with the prestigious lifetime achievement award from the MEMS & Sensors Industry Group. In 2016, 2022 and 2023 Dr. Finkbeiner has been elected Manager of the Year by the Markt & Technik Magazine.

He joined Robert Bosch GmbH in 1995 and has been working in different positions related to the research, development, manufacturing, and marketing of sensors for more than 20 years. Senior positions at Bosch have included Director of Marketing for sensors, Director of Corporate Research in microsystems technology, and Vice President of Engineering for sensors.

Dr. Stefan Finkbeiner received his Diploma in Physics from University of Karlsruhe in 1992. He then studied at the Max-Planck-Institute in Stuttgart and there received his PhD in Physics in 1995. He was born in 1966 in Freudenstadt, Germany.

References

Sensing the world: innovating for a more sustainable future

S. Ferri
APMS Group Vice-President, MEMS sub-group
General Manager
STMicroelectronics, Agrate Brianza, Italy



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Sensors are at the core of many of our interactions with the world. They serve as the bridge between the physical and digital realms. From this perspective, there is a strong expectation that sensorization remains human-centric, enhancing our daily lives by contributing to a better lifestyle. Also, there is an increasing urgency to keep up with long-term plans regarding sustainability. The path for a net-zero transition is everyone's responsibility, and embedding sustainability practices in our sensor strategy is essential to our people, our business, and society at large. Our commitment to sustainability is reflected in the way our sensors deliver valuable data efficiently across various industries, including automotive, industrial sectors, infrastructure projects, and consumer electronics, ensuring that our technological footprint is both meaningful and environmentally conscious.

Biography

Simone Ferri is General Manager for STMicroelectronics MEMS sub-group since February 2016. Simone began his career in STMicroelectronics in 1999 as an R&D engineer, before moving on to digital designer for the Audio Division, leading into product management after 5 years. In 2014, Simone was entrusted with ST MEMS consumer sensors then with global MEMS-sensor related Marketing and Application activities across all markets and segments, and, more recently with AMS Group Vice-President and General Manager of the MEMS sub-group. Simone Ferri was born in Milan in 1972 and graduated with a degree in Microelectronics from the Polytechnic of Milan, where he also completed his MBA.

References