



SPEAKERS - Thursday, June 27th

Artificial Intelligence Driving Computing

14:00 - Perspectives in Virtual and Augmented Reality

Edgar AUSLANDER

FACEBOOK, Head of Partnerships

Edgar Auslander is Head of Partnerships for Oculus and Facebook Reality Labs (FKA Oculus Research) at Facebook, focusing on VR and AR new hardware and software technologies.

He is the Founder of Menlo Business Partners, a consulting firm helping companies grow or exit. A former Faculty Member at Stanford University and at EDHEC business school, he started his career while studying for his MBA by licensing inventions from Columbia University Telecommunications Research Center.

Edgar Auslander has held several executive positions at Qualcomm, Intel, STEricsson, Audience (a company he helped sell to Knowles), Texas Instruments, VantagePoint Venture Partners, and IXI-Mobile. Notably, he was one of the founders of Texas Instruments' Wireless Business Unit and served as its General Manager, Worldwide Strategy and Corporate Development. He also served as SVP Marketing at IXI Mobile Inc., a Silicon Valley start-up that pioneered wearables and services similar to Instagram in 2001.

Artificial Intelligence Driving Computing

14:20 - What do you need to make AI work for you?

Robert VASSOYAN

ATOS, Chief Commercial Officer

Robert Vassoyan, Chief Commercial Officer of Atos since March 2018, is a member of the Atos Group Executive Committee.

After his graduation from French business school ESSEC, and various positions in the IT industry (Compaq as marketing and sales director France, HP as head of alliance, MEA and France services sales) Robert joined Cisco in 2007 as Sales Director in charge of the French Small & Medium Businesses market and member the Executive Committee, before being promoted Managing Director for the Large Accounts a year later. He was then appointed President of Cisco France in August 2011.

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Robert has been elected President of AmCham (American Chamber of Commerce in France) in February 2016. He is also a board member of CESI (Center for Higher Education Industry).

14:40 - Latest Innovations : Device, process and system technologies

Kazunari ISHIMARU

TOSHIBA CORP. SEMICONDUCTOR & STORAGE PRODUCTS COMPANY, Memory Division

Kazunari Ishimaru from the Memory Division, Toshiba Corporation Semiconductor and Storage Products Company, Yokohama, Japan was named Fellow of the Institute of Electrical and Electronics Engineers (IEEE) in 2014 for contributions to static random access memory and complementary metal-oxide semiconductor devices.

Artificial Intelligence: Startups to Watch

15:00 - GTI's Edge-First Approach

Terry TORNG

GYRFALCON TECHNOLOGY, Co- Founder & Sr. VP Engineering

Terry had worked in MagIC/TDK and Headway/TDK both as VP of Engineering and lead the team that worked on MRAM, MEMS, magnetic sensors and biosensor product development.

The team also achieved the industry's first 400 C embedded PMA STT MRAM processes and then transferred to TSMC for volume production. Terry was been granted more than 120 US, Japan, European and WIPO patents, ranging from MRAM, magnetic recording head, magnetic sensor, MEMS, biosensors and AI processors.

He was named one of ISI's 1000 most cited physicists from 1981 to 1997. Terry is also one of the trio who discovered high T_c YBaCuO (95 K) Superconductors in 1986. Terry received his PhD in Materials Science from the University of Minnesota.

15:00 - GTI's Edge-First Approach

Dave FICK

MYTHIC, CTO & Founder

Dave Fick is the CTO and co-founder of Mythic, an Austin, Texas-based startup that is creating the next generation of inference microchips.

Mythic uses mixed-signal computing to achieve 20-100x improvements in neural network performance for edge devices, and has raised \$55M from top-tier investors to execute on this vision. Dave Fick earned his Ph.D. from the University of Michigan.

Special LID Guest

15:50 - For a Meaningful AI & Interactive session: The Artificial Intelligence Race

Cédric VILLANI

ACCLAIMED MATHEMATICIAN, recipient of the Fields Medal - Special LID Guest

Cédric Villani, is an acclaimed French mathematician who was awarded the Fields Medal in 2010 for his work in mathematical physics.

Villani studied mathematics at the École Normale Supérieure in Paris. He received a master's degree in

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numerical analysis from Pierre and Marie Curie University in Paris in 1996 and a doctorate in mathematics from the University of Paris Dauphine in 1998. From 2000 to 2010 he was a professor of mathematics at the École Normale Supérieure in Lyon, and in 2010 he became a professor of mathematics at the University of Lyon.

Villani was awarded the Fields Medal at the International Congress of Mathematicians in 2010 for his work involving entropy. The amount of molecular disorder, or randomness, of a system is measured by entropy. Entropy always increases in a system until it is in thermal equilibrium with its environment. However, the rate at which entropy increases was unknown until 2005, when Villani and French mathematician Laurent Desvillettes determined that entropy did not increase at a constant rate. In 2009 Villani and French mathematician Clément Mouhot proved Soviet physicist Lev Landau's conjecture that plasma reaches equilibrium without increasing its entropy. Villani also found applications for the mathematical study of entropy in differential geometry and in transport theory.

16:45 - Interactive session: *The Artificial Intelligence Race*

Cédric VILLANI

ACCLAIMED MATHEMATICIAN, recipient of the Fields Medal - Special LID Guest

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Emmanuel SABONNADIÈRE

CEO Leti

Since November 20th, 2017, Emmanuel Sabonnadiere is appointed CEO of the Leti of CEA Tech. Before, he was in charge of the Industrial Partners of CEA Tech.

Previously, Emmanuel Sabonnadiere was CEO of the Business Group Professional of Philips Lighting based in Amsterdam (NL). From 2008 till 2014, he was CEO & Chairman of General Cable Europe based in Barcelona (Spain). Emmanuel Sabonnadiere was CEO of NKM Noell at Würzburg (Germany) from 2005 till 2008. He was vice-president of the Distribution Transformers division of Alstom T&D for 5 years. He began his career in 1992 with Schneider Electric holding various positions including that of Managing Director of development for equipment units.

Emmanuel Sabonnadiere has a strong technological background combined with a successful business track record over decades. With 25+ years of executive leadership of large operations, he had produced successful operating Result and great Team building. He had gained a sound experience of change management in large multi-cultural matrix organizations in order to adapt to the new markets conditions and a strong knowledge of European and International environments. He designed and set-up Strategic Plans including innovation process. Emmanuel Sabonnadiere believes in operational excellence, innovations in technology, talents management and enthusiasm in leadership.

Emmanuel Sabonnadiere obtained a PhD in physics (France), and an engineering degree in Information Technology (France). He holds an MBA (France).

Emmanuel Sabonnadiere is a fully qualified instructor at the ski school in Les Ménuires, and member of the Advisory board of IAC.