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Keynote Title: *Innovation in All Steps of Product Development and How TEMS Can Help?*

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Overview:

Product development is a lot more than having an idea. Many stages are needed and all offer innovation opportunities.   There is a lot of focus on the creativity of the product concept and agreed that is critical. However, the opportunity for success lies in being innovative during the span from concept to product shipment to the end customer.

TEMS also looks at aspects with both the technology and management skills needed to "make it happen". This presentation examines the overall problem of getting product from idea to market together with some case studies with different areas. Further, we look briefly at the IEEE TEMS Society with the program values for Entrepreneurs and Innovators.

SHORT BIOGRAPHY OF THE SPEAKER

Michael is currently the President of the IEEE TEMS Society and a member of the International Advisory board for Tsinghua University in Beijing. Formally, Michael was the Chief Technical Officer for Intel Corporation, Client Division. His career has a mixture of academic and industry positions, mostly in industry. Holding teaching and research positions at Princeton and University of Illinois, at Illinois. Michael came to Intel from Sun to head up Networking Applications research in Intel Labs. Michael's CTO role drove on customer innovation, design cost reduction, and other technologies and leading technical staff development. He led efforts to help the customer with system design and security. This plus efforts in technical staff development at Intel awarded him and his team the prestigious Intel Quality Award in 2015. His background includes projects in computer architecture, software, firmware, operating systems, networking, IoT, internet applications, standards, and computer security. Michael retired from Intel in June 2015.

Michael has patents in computer architecture and security. He has published many technical papers and regularly presents keynotes at technical conferences.

Michael is the President of the IEEE Technology and Engineering Management Society (TEMS). Michael is a senior board member for the IEEE Industrial Electronics Society (IES), he created and chairs the IEEE Industry Forum series that has successfully engaged industry in over 22 conferences. Michael is also a member of the IEEE Computer Society for over 29 years.

PHOTO OF THE SPEAKER