



### **OMKARAM (OM) NALAMASU, Ph.D.**

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Dr. Omkaram (Om) Nalamasu is senior vice president and chief technology officer (CTO) of Applied Materials, Inc. where he leads the company's R&D, innovation, and value-added strategic partnerships with global academia, research institutes, customers, supply chain partners, and government funding agencies.

He is also the president of Applied Ventures, LLC, the venture capital fund of Applied Materials and one of the leading global corporate venture groups with over \$450M investments in 90+ companies across 19 countries and nine portfolio company IPOs to date. In this role, he has established a number of successful public-private partnerships, pioneering joint investment funds with Korea, Taiwan, and NY Empire State Development organizations.

He currently leads 5 new market growth businesses through commercialization chasm to \$B annual revenue businesses through internal scaling as well as scaling externally through spin-out/JV/divestment strategies.

Dr. Nalamasu joined Applied in 2006 after serving as an NYSTAR Distinguished Professor of materials science and engineering at Rensselaer Polytechnic Institute, where he also served as vice president of research. Prior to that, he has held key research and development leadership positions at AT&T Bell Laboratories, Bell Laboratories/Lucent Technologies, and Agere Systems, Inc. While at Bell Labs, he established the United States' first public-private partnership for nanotechnology commercialization.

Dr. Nalamasu has made seminal contributions to the fields of optical lithography and polymeric materials science and technology. He has received numerous awards, authored more than 180 papers, review articles and books, and holds more than 120 worldwide issued patents.

He received numerous recognitions and awards for his contributions including IRI (Innovation Research Interchange) Innovation Leadership Award, IEEE Fellow, Member of US National Academy of Engineering, IEEE Frederick Philips Award, ACS Roy W. Tess award and Japan Photopolymer Science and Technology award. He serves on several national and international advisory boards including on the boards of The Tech Interactive in San Jose, GSA (Global Semiconductor Association), Singapore's AME IAP, and Global Corporate Venture Leadership council.

He received his Ph.D. from the University of British Columbia, Vancouver, Canada.