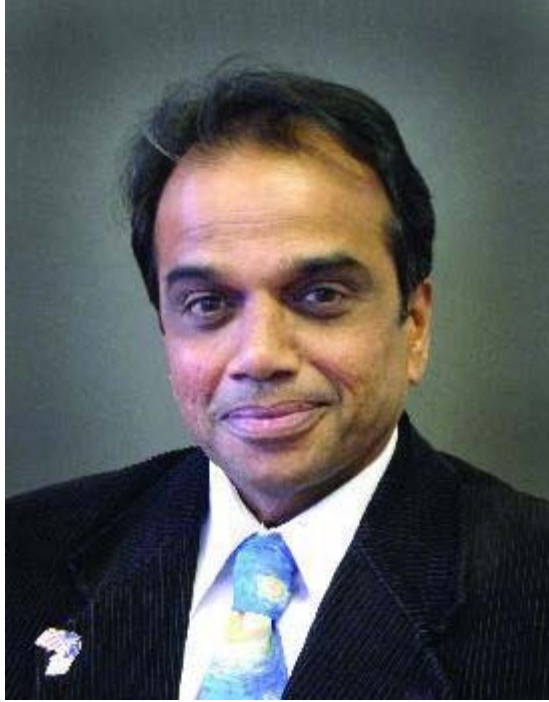


AU's Inamori professor appointed to international committee

7/10/12



S.K. Sundaram, Inamori Professor of Materials Science and Engineering in Alfred University's Kazuo Inamori School of Engineering, has been appointed by unanimous approval of the ASM International Board of Trustees, as a member of the International Materials Reviews Committee, effective Sept. 1, 2012 for a term through Aug. 31, 2015.

ASM International serves materials professionals, nontechnical personnel, and managers worldwide by providing high-quality materials information, education and training, networking opportunities, and professional development resources in cost-effective and user-friendly formats. ASM is where materials users, producers, and manufacturers converge to do business.

"I am pleased about this appointment. As a member of the International Materials Reviews Committee, I look forward to working with the ASM Board, the committee members, and peers in helping broader materials science and engineering community at national and international levels," said Sundaram. One of his roles will be to implement the ASM International Strategic Plan.

Before joining AU in January 2011, Sundaram was a materials scientist at Pacific Northwest National Laboratory.

The Inamori Professorships were created in 2005, when the Kyocera Corp., one of the world's largest manufacturers of advanced ceramic materials, made a \$10 million gift to the Alfred University endowment to support the School of Engineering. The gift honored Kazuo Inamori, founder and chairman of the board of Kyocera.

The University, in consultation with the Kyocera Corp., agreed to use the income generated by the \$10 million endowment to support four Inamori Professors, all recognized experts in their fields. Sundaram is the third Inamori Professor to be appointed to the AU faculty.

He holds executive certification in strategy and innovation from the Sloan School of Management, Massachusetts Institute of Technology; a doctorate in ceramic engineering/materials science and engineering from Georgia Institute of Technology, Atlanta, GA; and a master's degree in materials science and engineering from Indian Institute of Technology, Kharagpur, India.

Sundaram has been working on several aspects of advanced transformational materials science and engineering, focused on glass, ceramics, and semiconductors for various applications in energy, environment, health care, and national security.

His major areas of interest and contribution include THz/millimeter wave science and technology; ultrafast materials science and engineering; multi-scale materials processing; and live-cell vibrational spectroscopy for rapid screening.

Sundaram is internationally recognized for his interdisciplinary research. He has made more than 100 technical presentations, edited/contributed to 11 books, published more than 75 peer-reviewed publications and technical reports, mentored/supported more than 40 students, and organized/co-organized several national and international symposia on advanced topics in materials science. He also has three issued patents and two provision patent applications.

Sundaram was given the Federal Laboratory Consortium Technology Transfer Award for “IncubATR Live-cell Monitor,” in 2011 and the R&D 100 Award for “IncubATR Live-cell Monitor” in 2010.

He is a Fellow of the American Association for the Advancement of Science, a Fellow of the American Ceramic Society, a Fellow of the Society of Glass Technology (United Kingdom), and a member of the New York Academy of Sciences, the National Institute of Ceramic Engineers, the Ceramics Educational Council, the Materials Research Society, The International Society for Optical Engineering, the American Physical Society, and the American Society for Engineering Education.

He also belongs to Keramos, Sigma Xi, and the Order of Engineer honor societies.

The next meeting of the International Materials Reviews Committee will be held in conjunction with MS&T &12, Oct. 7-11, 2012 in Pittsburg, PA.