



Sivaram Arepalli is a Senior Staff Scientist at ERC Inc. and works at NASA Johnson Space Center in the Structural Engineering Division. He got his Ph. D. in Physics from Indian Institute of Technology (IIT) Kanpur in 1978. He did postdoctoral work at UPenn, Cornell and UIC before joining Lockheed at Houston in 1987. He developed the laser laboratory to support the aerothermal fluid flow analysis for thermal protection material development at NASA-Johnson Space Center. In 1997, he initiated the carbon nanotube project at NASA by starting nanotube production using double pulse laser oven process. His current activities focus on nanomaterials including the production, processing and applications of carbon nanotubes for aerospace requirements. He is responsible for a better understanding of the nanotube growth mechanisms and for providing directions for the future of NASA-JSC's active role in nanotechnology. He is helping ISO to establish standards for nanomaterials, esp. carbon nanotubes.

Sivaram is an Associate Fellow of AIAA and a Senior Member of APS. He served on AIAA National technical committee on Aerodynamic Measurement Technology for 1994-2001. He was nominated for "Rotary Stellar Award for Space" for his contributions in the development of "Glow-gas" for MIR space station leak project in 1999. He was nominated in 2002 for AIAA Structures, Structural Dynamics and Materials Award. He received "President's award for 2005" from Jacobs Sverdrup for his support at NASA-JSC. He presented several invited talks related to Nanotechnology and currently serves as an associate editor for the "Journal of Nanoscience and Nanotechnology".

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