

Prof. Yogesh Jaluria

Title of the Talk: Solution Of Inverse Problems For Thermal Processes And Systems

Dr. Yogesh Jaluria is Board of Governors Professor and Distinguished Professor at Rutgers, the State University of New Jersey. His research work is in the field of thermal science and engineering, covering areas like convection, fires, materials processing, thermal management of electronics, energy, and optimization of thermal systems. He is the author/co-author of eight books and editor/coeditor of thirteen conference proceedings, eight books, and seven special issues of archival journals. He has contributed over 500 technical articles, including over 210 in archival journals and 20 book chapters. His work has been supported extensively by federal, state and industrial agencies. He has received several awards and honors for his work, such as the prestigious 2007 Kern Award from AIChE, the 2003 Robert Henry Thurston Lecture Award from ASME, and the 2002 Max Jakob Memorial Award, the highest international recognition in heat transfer, from ASME and the AIChE. He received the 2000 Freeman Scholar Award, the 1999 Worcester Reed Warner Medal and the 1995 Heat Transfer Memorial Award all from ASME. He has served as Department Chairman and as Dean of Engineering. He was the Editor of the Journal of Heat Transfer (2005-2010), and Computational Mechanics (2003-2005). He is on the Editorial Boards of several international journals. He has served as Conference Chairman for several conferences including the ASME Micro/Nano Heat and Mass Transfer Conference, Hong Kong, 2014, and the International Symposium on Advances in Computational Heat Transfer, New Jersey, in 2015 and in Naples, Italy, 2017. He has presented many invited Keynote and Plenary lectures and has served on various panel discussions at international conferences. He is an Honorary Member of ASME, a Fellow of AAAS and APS, an Associate Fellow of AIAA and member of other professional societies.

