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The **Dr. V. Lakshmikantham Endowed Scholarship** was established in 1998 to provide financial assistance to mathematics majors at Florida Institute of Technology. These scholarships allow deserving undergraduate students to receive a strong mathematical education at one of the southeast's premier technological universities. Scholarship recipients have continued on to graduate studies at prestigious universities, including Harvard University & Berkeley, while others are pursuing careers in various aspects of mathematics. Your contribution will ensure that Florida Tech can continue to provide outstanding mathematical scholars with valuable financial support.

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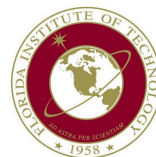
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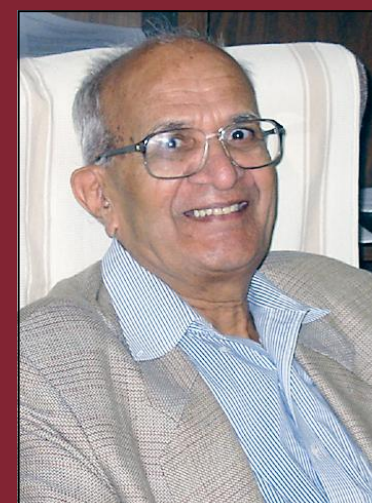
DEPARTMENT OF MATHEMATICAL SCIENCES

In Conjunction With The

FIFTH WORLD CONGRESS OF NONLINEAR ANALYSTS

Presents

Dr. Lak—The Man & The Mathematician



With Special Tribute To...
Dr. V. Lakshmikantham

Thursday, July 3rd, 2008
Hyatt Regency Grand Cypress Resort
Orlando, FL

<http://cos.fit.edu/math>

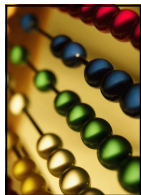


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Dr. V. Lakshmikantham



Until he was 13 years of age, Lakshmikantham did not have any formal schooling. At the age of 13, he went to his uncle who worked in a city. By his own effort, he learned English and mathematics and joined high school. After completing 2 years of university education, he took a job in a bank, where he served for 5 years. At this time, India became independent. One large kingdom was Nizam State with the capital Hyderabad. Lakshmikantham learned that in that state, if one worked for 2 years in any job, one gets study leave. Since he was anxious to study further, he left the job at the bank and took a lower paying storekeeper's job in the Biology Department of Osmania University. Fortunately, in a few months, he got a position of Laboratory Assistant in the Chemistry Department. He managed to get approval which permits any employee to independently study for any degree while working. Using this option, Lakshmikantham completed Bachelor and Masters degrees successfully. He then proceeded to work for his Ph.D. degree. He did not know in which area of mathematics to work and so Lakshmikantham perused different mathematical journals in the library. He decided to work in differential equations. A crucial moment was his discovery of a new phenomenon in convergence for differential equations. He read one of Auriel Wintner's articles. His direct communication with Professor Wintner encouraged Lakshmikantham and lead him to his first paper which appeared in the Proceedings of the American Mathematical Society, in 1957. In this paper, truly significant progress on convergence criteria was made. In 1960, Lakshmikantham came to UCLA where he pursued work on differential inequalities and Lyapunov stability. He then spent one year each at MRC, University of Wisconsin, Madison, RIAS, Baltimore, and University of Calgary. Lakshmikantham was very active and published several papers on differential equations with delay, abstract differential equations, parabolic differential equations and popularized the method of vector Lyapunov functions. He then took the position of Head and Professor of the Mathematics Department, at Marathwada University in India. He returned to the USA to assume the position of Head and Professor at the University of Rhode Island in 1966. He then went with similar status to the University of Texas at Arlington in 1973 and finally to Florida Institute of Technology, in 1989. As a scientific administrator, Lakshmikantham has excelled in building solid academic and research programs at all four institutions. He took new or floundering programs and built them into recognized programs. As a teacher, a researcher, an administrator and a scientific citizen, Lakshmikantham is outstanding. His work ethic is contagious. His scientific interests are extremely broad and his scientific production is voluminous. Lakshmikantham has authored or co-authored over 400 books, monographs and research articles. In 1991, he established the International Federation of Nonlinear Analysts (IFNA) that has become a central organization of world activities in the area of Nonlinear Analysis and interdisciplinary mathematics. In 1992, Lakshmikantham organized the first World Congress of Nonlinear Analysts held in Tampa, FL, followed by four more congresses in Athens (1996), Sicily (2000) and Orlando (2004, 2008).

Plenary Session & Reception In Honor of Dr. V. Lakshmikantham

7:00 pm **INTRODUCTION**
Grand Cypress Ballroom D/E/F

Ravi Agarwal
Professor, Dept of Mathematical Sciences
Florida Institute of Technology

Firdaus E. Udwardia
Professor, Aerospace & Mechanical Engineering,
Civil Engineering, Mathematics, Systems
Architecture Engineering & Operations Mgmt
University of Southern California

Jerry Bona
Professor, Dept of Mathematics, Statistics and
Computer Sciences
University of Illinois at Chicago

Roberto Triggiani
Professor, Dept of Mathematics
University of Virginia

Emmanuele DiBenedetto
Centennial Professor of Mathematics &
Molecular Physiology and Biophysics
Vanderbilt University

Gordon L. Nelson
Dean, College of Science
Florida Institute of Technology

Ken Stackpole
Senior Vice President for Advancement
Florida Institute of Technology

7:45 pm **WINE & CHEESE RECEPTION**

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