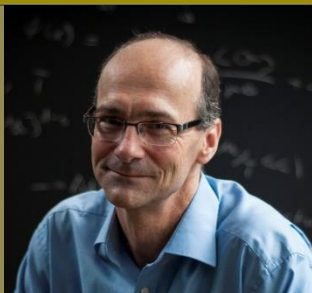




SUBRAHMANYAN CHANDRASEKHAR LECTURES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Robert Myers is one of the leading theoretical physicists, working in the area of string theory in



Canada. He received his Ph.D. at Princeton University in 1986, after which he was a postdoctoral researcher at what became the Kavli Institute for theoretical Physics at the University of California, Santa Barbara. He moved to McGill University in 1989, where he was a Professor of Physics until moving to Perimeter Institute and the University of Waterloo in the summer of 2001.

Professor Myers was awarded the Herzberg Medal in 1999 by the Canadian Association of Physicists for seminal contributions to our understanding of black hole microphysics and D-branes; the 2005 winner of Canada's top prize in theoretical and mathematical physics awarded by the Canadian Association of Physicists and the Centre de Recherches Mathématiques; the 2012 Vogt Medal by the Canadian Association of Physicists and TRIUMF for outstanding theoretical contributions to subatomic physics. In 2006, he was elected a Fellow of the Royal Society of Canada.

Subrahmanyan Chandrasekhar lectures are delivered by eminent academicians on important new developments in their areas of speciality. The first lecture in any series is aimed at a general scientific audience, while the remaining are aimed at specialists.

ROBERT MYERS

Perimeter Institute for Theoretical Physics, Canada

New Dialogues: Entanglement, Holography & Renormalization

In science, we often see new advances and insights emerging from the intersection of different ideas coming from what appeared to be disconnected research areas. The theme of my colloquium will be an ongoing collision between the three ideas listed in my title which has been generating interesting new insights into a variety of fields, eg, condensed matter physics, quantum field theory and even quantum gravity. I will give an introduction to each of these three ideas separately and then discuss the intersections that have been generating new insights in recent years.

Colloquium: 10 December 2014 at 4 pm in the Physics Auditorium, IISc campus, Bangalore

Technical talks: 11 & 12 December 2014 at 9.30 am in the ICTS Seminar room, IISc campus, Bangalore.