



Ramanujan: The inspirational story and a glimpse of his mathematics

Srinivasa Ramanujan is one of the most enigmatic figures in the history of mathematics. He was a self-trained amateur mathematician whose ideas befuddled the accumulated wisdom of western European mathematicians in the early 20th century. His legacy has played a central role in the development of many of the deepest subjects in arithmetic geometry and number theory. Ramanujan tragically died at the early age of 32. Ramanujan's story will be retold as a major Hollywood movie in 2015 with Dev Patel (of Slumdog Millionaire fame) playing Ramanujan and Jeremy Irons playing G. H. Hardy, Ramanujan's mentor. The speaker spent much of this past summer working on the film in a variety of roles in preproduction and on-location filming. The speaker will discuss the mathematical legacy of Ramanujan and he will also tell stories about the filming of The Man Who Knew Infinity.

All are welcome.

Ken Ono Emory University

Ken Ono obtained his BA from the University of Chicago in 1989 and PhD at UCLA under the supervision of Basil Gordon in 1993. He was the Manasse Professor of Letters and Science and the Hilldale Professor of Mathematics at the University of Wisconsin–Madison. He is currently the Asa Griggs Candler Professor of Mathematics at Emory University. His research interests are in combinatorics and number theory involving Elliptic curves. His interests also include L-functions, modular forms, Maass forms and partition and the fields of interest to Srinivasa Ramanujan.

Ono was awarded the National Science Foundation CAREER Award in 1998. In April 2000 he received the Presidential Early Career Award (PECASE) from Bill Clinton in a ceremony at the White House, and in June 2005 he received the National Science Foundation Director's Distinguished Teaching Scholar Award at the National Academy of Science and Albert E. Levy Award for Scientific Research in 2014. He has also won a Sloan Fellowship, a Packard Fellowship, and a Guggenheim Fellowship. In 2012 he became a fellow of the American Mathematical Society.

Ono stars in the 2013 docudrama "The genius of Srinivasa Ramanujan" and is profiled in the May 2014 issue of Scientific American. He is an Associate Producer and the mathematical consultant for the upcoming movie 'The Man Who Knew Infinity' based on Ramanujan's biography written by Robert Kanigal.

Date Thursday, December 17, 2015
Time 4 pm
Venue Chandrasekhar Auditorium,
 ICTS, Bangalore

Transportation can be arranged for groups from schools/colleges. Please contact organizers.