INTERNATIONAL CONFERENCE ON NUMBER THEORY
HONORS MATHEMATICS PROFESSOR KRISHNASWAMI ALLADI

A five day *International Conference on Number Theory* conducted at UF during March 17-21, 2016, was in honor of mathematics professor Krishnaswami Alladi for his 60-th birthday. The conference which attracted more that 150 leading experts from around the world, was funded by the National Science Foundation, the National Security Agency, the Number Theory Foundation, Penn State University, as well as by the UF Office of Research, CLAS, and the Mathematics Department. The conference dealt with the latest advances in various branches of number theory - especially on prime numbers and mathematics related to the work on the Indian genius Srinivasa Ramanujan.

This conference organized by Professors George Andrews and Frank Garvan had an emphasis on analytic number theory and on areas influenced by Ramanujan, in view of Alladi's own research in these two areas. The conference Opening Lecture was given by Fields Medallist Manjul Bhargava of Princeton University, one of the most eminent mathematicians of our generation. In the second lecture of the conference, Professor Dorian Goldfeld of Columbia University spoke about a recent improvement he obtained of a result that Alladi had proved in 1975 as an undergraduate in India in collaboration with Paul Erdös. The conference also featured the Erdös Colloquium by Professor Hugh Montgomery of the University of Michigan, one of the most eminent analytic number theorists in the world. Professor James Maynard of Oxford University, winner of the 2014 SASTRA Ramanujan Prize, gave the Ramanujan Colloquium and two more talks describing the latest advances on gaps between primes.

Since so many of the world's experts on Ramanujan assembled at this conference, the movie titled "The Man Who Knew Infinity" based on a book written by Robert Kanigel under the same title, was screened at the conference prior to its opening in US theaters in April.

The refereed proceedings of the conference will be published by Springer, edited by Professors Andrews and Garvan. Thus the conference has brought siginificant visibility and recognition to the program in number theory at the University of Florida.

For details of the conference program, abstracts of talks, and pictures of various events, go to the conference website:

http://www.qseries.org/fgarvan/alladi60.html