Mahler Lecture Tour 2013

Professor Akshay Venkatesh

Professor of Mathematics, Stanford University

Akshay Venkatesh's current research interests are in the fields of counting, equidistribution problems in automorphic forms and number theory, in particular representation theory, locally symmetric spaces and ergodic theory.
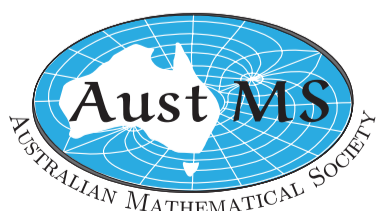
In 2008 Akshay won the SASTRA Ramanujan Prize for outstanding contributions to areas of mathematics influenced by the genius Srinivasa Ramanujan.

Lecture dates—*tour starts 23 September 2013*

DATE	TIME	TITLE	LOCATION
23-Sep	14:00	Dynamics and the geometry of numbers	University of Queensland
23-Sep	18:00	Public Lecture: How to stack oranges in three dimensions, 24 dimensions, and beyond	University of Queensland
25-Sep	11:00	The Cohen-Lenstra heuristics: from arithmetic to topology and back again	University of Western Australia
25-Sep	18:00	Public Lecture: Two centuries of prime numbers	University of Western Australia
26-Sep	18:00	Public Lecture: How to stack oranges in three dimensions, 24 dimensions, and beyond	University of Adelaide
27-Sep	15:00	Dynamics and the geometry of numbers	University of Adelaide
3-Oct	19:00	Public Lecture: Two centuries of prime numbers	University of Sydney
4-Oct	14:00	The Cohen-Lenstra heuristics: from arithmetic to topology and back again	University of New South Wales
7-Oct	14:00	Dynamics and the geometry of numbers	Monash University
8-Oct	10:00	Dynamics and the geometry of numbers	University of Newcastle
9-Oct	15:00	The Cohen-Lenstra heuristics: from arithmetic to topology and back again	Australian National University
10-Oct	12:30	From spherical harmonics to spherical varieties: harmonic analysis on homogeneous spaces and the Langlands program	University of Melbourne
10-Oct	18:00	Public Lecture: How to stack oranges in three dimensions, 24 dimensions, and beyond	University of Melbourne
11-Oct	13:30	Torsion in the homology of arithmetic groups	University of Wollongong
11-Oct	17:00	Public Lecture: How to stack oranges in three dimensions, 24 dimensions, and beyond	University of Wollongong

* Please note all times are local

Professor Kurt Mahler made major contributions to Australian Mathematics from his arrival in the 1960s, until his death in 1988. The Mahler Lectureship is awarded biannually to a distinguished mathematician. Find out more at **www.austms.org.au/The+Mahler+Lectureship**

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