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Personal Data

Citizenship: United States; (also Overseas Citizen of India).
Age: 29.

Education

Ph.D. Mathematics, University of California, Berkeley, Fall 2008. Dissertation: "Types in O-Minimal Theories." Supervisor: Prof. Thomas Scanlon.

A.B. Mathematics, Harvard University, 2001, *Cum Laude*.

Employment

Post-doctoral researcher in mathematics, University of Lyon I, September 2008-present.

Working Papers

Ramakrishnan, J. "Functions Continuous on Curves in O-Minimal Structures," submitted, arXiv:0902.4612v1 [math.LO], 2009.

Ramakrishnan, J. "Decreasing Types," in preparation, 2009.

Ramakrishnan, J. "Types in O-Minimal Theories," doctoral dissertation 2008

Ramakrishnan, J. "All O-Minimal Structures Are Stationary," arXiv:math/0703776 [math.LO], 2007.

Ramakrishnan, J. "Maximal Small Extensions," arXiv:0712.0591 [math.LO], 2007.

Ramakrishan, R., Ramakrishnan, J. "Utilizing Mass Measurements in Tracer Studies – A Systematic Approach to Efficient Modeling," Metabolism 57 (2008), pp. 1078-1087.

Ramakrishnan, R., Ramakrishnan, J. "Kinetic Studies with Labeled Precursors Are Facilitated by Enrichment Models with Redefined Rate Constants," 2007.

Talks

Invited Talk at Association for Symbolic Logic 2009 Annual Meeting Special Session on Model Theory at Notre Dame University, "Types in o-minimal theories," 22 May 2009.

Invited Talk at BIRS Meeting: Stability Theoretic Methods in Unstable Theories, "Classifying n-types in o-minimal theories," 13 February 2009.

Presented Poster at MODNET Barcelona Conference, "Extending functions continuously in o-minimal structures," 3-7 November, 2008.

Invited Talk at American Mathematical Society Sectional Meeting Special Session on Model Theory and its Applications at Wesleyan University, "Scale, decreasing types, and extending functions continuously in o-minimal theories," 11 October 2008.

Talk at University of Lyon I, "Scale, decreasing types, and extending functions continuously in o-minimal theories," 2 October 2008.

Invited Talk at "Second Workshop on Model Theory: Dependent Theories," at Universidad de los Andes, "Type Classification in O-Minimal Theories," March 2008.

Invited Talk at McMaster University, "Two Applications of Cuts and Noncuts," Model Theory Seminar, November 2007.

Teaching Experience

Graduate Student Instructor (G.S.I.), Teaching Workshop for New Graduate Student Instructors (Math 300), Spring 2005.

G.S.I., Upper Division Linear Algebra (Math 110), Spring & Fall 2007.

Observor of and Consultant for New Graduate Student Instructors' Teaching Workshop (Math 300), Fall 2003, Fall 2004, Fall 2006.

G.S.I., Honors Linear Algebra and Differential Equations (Math H54), Fall 2005.

G.S.I., Mathematics of the Secondary School Curriculum (Math 151), Spring 2008.

G.S.I., Calculus (Math 1B), Spring 2003, Spring 2004.

Service

Mathematics Graduate Students Association Officer, University of California, Berkeley, 2003-2007, 2008.

Many Cheerful Facts Seminar Organizer, University of California, Berkeley, 2003.

Computer Committee Student Member, University of California, Berkeley, 2005-2006.

Departmental Chair Selection Committee Student Member, University of California, Berkeley, 2006.

Mathematics Volunteer Tutor, San Quentin Prison College Program, 2003-2007.

Mathematics Teacher, Olcott Memorial High School, India, on Public Service Fellowship, 2001-2002.

Honors and Awards

Outstanding Graduate Student Instructor Award, University of California, Berkeley, 2006-2007.

Walter Hill Fellowship, University of California, Berkeley, 2002.