



Alina Bucur

Associate Professor of Mathematics

Research Areas Number Theory
Automorphic Forms
Metaplectic Forms
Kac-Moody Algebras
Coxeter Groups

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Professional Biography

Dr. Bucur received her Ph.D. from Brown University in 2006, and has since held a postdoctoral fellowship at the Institute for Advanced Study and a Moore Instructorship at MIT. Dr. Bucur's research is in analytic number theory, specifically in multiple Dirichlet series and moments of L-functions. Dr. Bucur is undertaking an ambitious research program aimed at a better understanding of multiple Dirichlet series, and her work has been recognized with a Focused Research Grant from the National Science Foundation.

Dr. Bucur has a strong record of excellent teaching at Brown University and MIT, and received a Mathematics Outstanding Teaching Award at Brown. Dr. Bucur has been active in mentoring students and promoting participation by women graduate students and postdoctoral researchers in mathematics. At UCSD, Dr. Bucur will teach both undergraduate and graduate courses, including lower division calculus courses, and upper division and research-level graduate courses in number theory, algebra, and other subjects.

Education

- Ph.D. Mathematics, Brown University, 2006
- M.S. Mathematics, Brown University, 2003
- B.Sc. Mathematics, University of Bucharest, Romania, 2001

Awards and Distinctions

- FRG Research Grant by NSF
- Hellman Fellowship

Professional Memberships

- American Mathematical Society (AMS)
- Association for Women in Mathematics (AWM)

