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Fan Chung Graham named 2009 Noether Lecturer

The Association for Women in Mathematics (AWM) is pleased to announce that **Fan Chung Graham** will deliver the Noether Lecture at the 2009 Joint Mathematics Meetings. Chung, a professor of mathematics at University of California at San Diego, was selected for this honor because of her fundamental contributions to graph theory and combinatorics.

Born in Taiwan, Chung received her B.S. in Mathematics from the National Taiwan University and her Ph.D. from the University of Pennsylvania. She began her career at Bell Laboratories, eventually becoming Division Manager of Mathematics, Information Systems and Operations Research at Bellcore. She has held visiting positions at Princeton, Harvard and the Institute for Advanced Studies. In 1995, Chung accepted a professorship at the University of Pennsylvania. Since 1998, she has been Professor of Mathematics and of Computer Science and Engineering at the University of California, San Diego, where she is also the Akamai Professor in Internet Mathematics.

A prolific mathematician, Chung has authored several books and over 240 papers and has about 120 co-authors. She is a member of the editorial board of more than a dozen journals and serves as Editor-in-Chief of *Internet Mathematics*. Chung has served on the Council of both the American Mathematical Society and the Society for Industrial and Applied Mathematics. She received the Allendoerfer Award from the Mathematics Association of America in 1990 and became a fellow of the American Academy of Arts and

Sciences in 1998. She has given an invited address at the International Congress of Mathematicians and an AMS-MAA invited address at the Joint Mathematics Meetings.



Chung's research interests are in graph theory, combinatorics and algorithmic design. She is particularly well-known for her work in spectral graph theory, random graphs, quasi-randomness, and unavoidable and universal graphs. Her current focus is on the mathematical analysis of Page Rank™ using both probabilistic and spectral methods with an emphasis on graph partitioning.

Cathy Kessel, president of AWM, was very enthusiastic about Chung, saying "Take a look at her Web site and her biography on the MacTutor History of Mathematics site! I am definitely looking forward to her talk."

The 2009 Joint Mathematics Meetings will be held January 5-8 in Washington, DC. The lecture honors Emmy Noether (1882 - 1935), one of the great mathematicians of her time. She worked and struggled for what she loved and believed in. Her life and work remain a tremendous inspiration. Recent Noether lecturers include Ingrid Daubechies, Lai-Sang Young, Svetlana Katok, Jean Taylor, Lenore Blum, and Karen Vogtmann.