

HARVARD & MIT PRESENT

# CURRENT DEVELOPMENTS IN MATHEMATICS, 2011

HARVARD UNIVERSITY  
SCIENCE CENTER, LECTURE HALL C

11.18.2011 2:15 pm – 6:00 pm

11.19.2011 9:00 am – 4:00 pm

- |                  |  |
|------------------|--|
| Jeremy Kahn      | The surface subgroup theorem and the Ehrenpreis conjecture (I, II)   |
| Richard Kenyon   | The Laplacian on planar graphs and graphs on surfaces (I, II)  |
| Robin Pemantle   | Hyperbolicity, stability and geometry (I)<br>Applications of stability in probability and combinatorics (II) |
| Jeremy Quastel   | The Kardar-Parisi-Zhang equation and universality class (I, II)  |
| Akshay Venkatesh | Heuristics for counting number fields and related questions (I, II)  |

This event is free and open to the public. Limited travel support is available for graduate students & recent PhDs. Email inquiries about travel support to: [maureen@math.harvard.edu](mailto:maureen@math.harvard.edu)

Please register online: <http://math.harvard.edu/cdm>

Banquet: 11.18.11 @ 7:00 pm, Royal East Restaurant, 792 Main Street, Cambridge MA

Hotels, registration, & support info online at <http://math.harvard.edu/cdm>

## <http://math.harvard.edu/cdm>

Organized by: David Jerison, Richard Stanley, & Thomas Mrowka (MIT); Mark Kisin, Horng-Tzer Yau, & Shing-Tung Yau (Harvard)  
Sponsored by the National Science Foundation, Harvard University, and the Massachusetts Institute of Technology