

*LA PIETRA WEEK IN PROBABILITY, FIRENZE 2006*

# **STOCHASTIC PROCESSES IN MATHEMATICAL PHYSICS**

JUNE 19-23, 2006, VILLA LA PIETRA (FIRENZE)



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# STOCHASTIC PROCESSES IN MATHEMATICAL PHYSICS

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La Pietra week in Probability 2006 will be a school and conference presenting relevant topics in the probabilistic approach to Mathematical Physics, including some of the most recent advances and some of the prospective challenges of the field. During the meeting we take the occasion to celebrate Michael Aizenman's and Chuck Newman's 60th birthdays.

**SCIENTIFIC COMMITTEE.** J. Lebowitz (Rutgers University), A. Klein (University of California, Irvine), A. Gandolfi (Università di Firenze), V. Sidoravicius (IMPA, Rio de Janeiro)

## MINI-COURSES

The school will feature three mini-courses, planned at advanced Ph.D. level, held at the beginning of the week by:

- J. Chayes (Microsoft Research)
- G. Giacomin (Université Paris 7)
- W. Werner (Université Paris-Sud)

## TALKS

The current list of conference speakers includes:

- G. Ben Arous (EPF Lausanne)
- F. Camia (Vrije Universiteit Amsterdam)
- P. Contucci (Università di Bologna)
- B. Derrida (Ecole Normale, Paris)
- B. Duplantier (CEA, Saclay)
- L. R. Fontes (IME, Sao Paulo)
- G. M. Graf (ETH, Zürich)
- A. Klein (University of California, Irvine)
- J. Lebowitz (Rutgers University)
- E. Lieb (Princeton University)
- F. Martinelli (Università di Roma 3)
- E. Presutti (Tor Vergata, Roma)
- J. Schenker (IAS, Princeton)
- S. Sheffield (Courant Institute, New York)
- V. Sidoravicius (IMPA, Rio de Janeiro)
- S. R. S. Varadhan (Courant Institute, New York)
- S. Warzel (Princeton University)
- E Waymire (Oregon State University)

**SHORT PRESENTATIONS.** There will be a session of short contributed presentations. Proposals to be submitted at registration.

**CELEBRATION.** On Wednesday night, June 21st, there will be a birthday celebration to take place in the Limonaia of Villa La Pietra.

**ORGANIZING COMMITTEE.** D. Stein (New York University), B. Duplantier (CEA, Saclay), A. Gandolfi (Università di Firenze), M. Isopi (La Sapienza, Roma), P. Contucci (Università di Bologna), M. Romito (Università di Firenze)

Registration fee: **150€**. Deadline for registration: **April 15th, 2006**

Accommodation: we have reserved the nearby Villa Finaly and a hotel in the center. See web page.

Registration and other information: <http://www.math.unifi.it/LaPietra>