

**YEP-V WORKSHOP  
STATISTICAL MACHANICS ON RANDOM  
STRUCTURES**

**EURANDOM, Eindhoven, 10-14 March 2008**

This workshop is the fifth in a successful series of YEP meetings at EURANDOM in the years 2004-2007. This year, the main focus of the workshop will be the investigation of the large scale behaviour of systems whose "interaction network" is modelled by random graphs.

The goal of the workshop would be to bring together the scholars whose interest lies in the intersection of disordered statistical mechanics and random graphs with a clear emphasis on applications.

The workshop offers two mini-courses:

- **Francesco Guerra** (University Roma 1, La Sapienza): "*Probabilistic aspect of spin glass theory*"
- **Hidetoshi Nishimori** (Tokyo Institute of Technology): "*Combinatorial optimization problems and quantum annealing*".

There will also be contribute talks by the participants, as well as talks by leading experts in the field: **A. Bovier** (Weierstrass Institute, Berlin), **R. v.d.Hofstad** (Eindhoven & EURANDOM), **J. Kurchan** (ESPCI , Paris, France), **E. Marinari** (University Roma 1, La Sapienza), **R. Zecchina** (Politecnico Torino).

For more detailed information and registration:

<http://www.eurandom.tue.nl/workshops/2008/YEPV/YepVmain.htm>