Elenco delle Pubblicazioni

Nicoletta Cancrini

[1] *Phase Separation and Superconductivity in the Kondo-like spin-hole coupled model*
con S. Caprara, C. Castellani, C. Di Castro, M. Grilli, e R. Raimondi
Europhys. Lett. 14, 597 (1991).

[2] *The Stochastic Burgers Equation*
in collaborazione con L. Bertini e G. Jona-Lasinio
Commun. Math. Phys. 165, 211-232 (1994).

[3] *Stochastically Forced Burgers Equation*
in collaborazione con L. Bertini e G. Jona-Lasinio
On Three Levels. Micro-, Meso-, and Macro Approaches in Physics M. Fannes,
C. Maes, A. Verbeure eds NATO ASI Series Vol **B 324** pp. 265-269.
New York : Plenum Press 1994.

[4] *Burgers equation forced by conservative or nonconservative noise.*
in collaborazione con L. Bertini e G. Jona-Lasinio.
In *Stochastic Analysis and Applications in Physics*, A.I. Cardoso *et. al.* eds. NATO
ASI Series Vol. **C 449**, pp. 35–44. Dordrecht: Kluwer Academic Publishers 1994.

[5] *The stochastic heat equation: Feynman-Kac formula and intermittence.*
in collaborazione con L. Bertini
J. Stat. Phys. 78, 1377-1401 (1995).

[6] *Approach to equilibrium in the symmetric simple exclusion process*
in collaborazione con A. Galves.
Markov Proc. Relat. Fields 1, 175-174 (1995).

[7] *Reduction Formula for Moments of Stochastic Integrals*
in collaborazione con L. Bertini
J. Math. Phys. 38, 4763-4770 (1997).

[8] *The two–dimensional stochastic heat equation: renormalizing a multiplicative noise.*
in collaborazione con L. Bertini
J. Phys. A: Math. Gen. 31 615-622 (1998).

[9] *The spectral gap for the Kawasaki dynamics at low temperature*
in collaborazione con F. Cesi e F. Martinelli
J. Stat. Phys. 95 Nos 1/2, 219-175 (1999).

[10] *Comparison of finite volume canonical and grand canonical Gibbs measures under a mixing condition.*
in collaborazione con F. Martinelli
Markov Proc. Rel. Fields 6, 1-49 (2000).

[11] *On the spectral gap of Kawasaki dynamics under a mixing condition revisited.*
in collaborazione con F. Martinelli
J. Math. Phys. 41, N.3 1391-1423 (2000), Volume speciale su *Probabilistic Techniques in Equilibrium and Nonequilibrium Statistical Physics.*

[12] *Diffusive scaling of the spectral gap for the dilute Ising lattice gas dynamics below the percolation threshold*
in collaborazione con F. Martinelli
Probab. Theory and Relat. Fields 120 4, 497-534 (2001).

[13] *Stochastic dynamics for the dilute Ising lattice gas: results and open problems*
in collaborazione con F. Martinelli
Markov. Proc. Rel. Fields 7, 39-50 (2001).

[14] *The logarithmic Sobolev constant of Kawasaki dynamics under a mixing condition revisited*
in collaborazione con F. Martinelli e C. Roberto
Ann. I. H. Poincaré – Probab. & Stat. PR 38 4, 385-436 (2002) .

[15] *The spectral gap for a Glauber–type dynamics in a continuous gas,*
in collaborazione con L. Bertini e F. Cesi
Ann. I. H. Poincaré – Probab. & Stat. PR 38 1, 91-108 (2002) .

[16] *Spectral gap and logarithmic Sobolev constant of Kawasaki dynamics under a mixing condition revisited*
in collaborazione con F. Martinelli e C. Roberto
In and Out of Equilibrium: Probability with a Physics Flavor
editore Vladas Sidoravicius, Birkhauser Boston (2002).

[17] *Relaxation to equilibrium of spin exchange dynamics for lattice gases*
Markov. Proc. Rel. Fields 8, 251-270 (2002).

[18] *Logarithmic Sobolev constant for the dilute Ising lattice gas dynamics below the percolation threshold*
in collaborazione con C. Roberto
Stochastic Process. Appl. 102 2, 159-205 (2002).

[19] *Comparison of finite volume canonical and grand canonical Gibbs measures: the continuous case*
in collaborazione con C. Tremoulet, **J. Stat. Phys. 117** 1023-1046 (2004).

[20] *Diffusive long-time behavior of Kawasaki dynamics*
in collaborazione con F. Cesi, C. Roberto,
Electr. J. Prob. 10 n. 7, 216-249 (2005).

[21] *Relaxation of L-Reversal chains and other chromosome shuffles*
in collaborazione con P. Caputo e F. Martinelli
Ann. Appl. Probab. 16, n.3, 1506-1527, (2006).

[22] *Relaxation times of kinetically constrained spin models with glassy dynamics*
in collaborazione con F. Martinelli, C. Roberto, C. Toninelli
J. Stat. Mech. L03001 (letter) (2007).

[23] *Kinetically constrained spin models*
in collaborazione con F. Martinelli, C. Roberto, C. Toninelli
Probab. Theory. Relat. Fields 140, n.3-4, 459-504, (2008).

[24] *Facilitated spin models: recent and new results,*
con F. Martinelli, C. Roberto and C. Toninelli,
in *Methods of Contemporary Mathematical Statistical Physics*,
Biskup, M., Bovier, A. (et al) Kotecky, R. (Ed.),
Lecture Notes in Mathematics, Springer Vol. 1970, (2009).