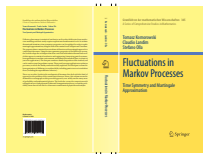


STEFANO OLLA - PUBLICATIONS LIST

<http://www.ceremade.dauphine.fr/~olla/pubolla.html>

- Books



- (1) *Fluctuations in Markov Processes, martingale approximation and time symmetry*, with T. Komorowski and C. Landim, **Grundlehren der mathematischen Wissenschaften** **345**, Springer, August 31, 2012.

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- (2) *Microscopic derivation of an adiabatic thermodynamic transformation*, with M. Simon, arxiv.org/abs/1409.6424, **Braz. J. Probab. Stat.** 29 (2015), no. 2, 540–564. doi:10.1214/14-BJPS275. <http://projecteuclid.org/euclid.bjps/1429105601>.
- (3) *Green–Kubo Formula for weakly coupled System with dynamical noise*, with C. Bernardin, F. Huveneers, J.L. Lebowitz, C. Liverani, **Comm. Math. Phys.**, **334**, n.3, 1377–1412, March 2015. DOI 10.1007/s00220-014-2206-7.
- (4) *Hydrodynamic Limit for an Hamiltonian System with Boundary Conditions and Conservative Noise*, with N. Even, **Arch.Rat.Mech.Appl.** 213 (2014) 561–585, DOI 10.1007/s00205-014-0741-1
- (5) *Microscopic Derivation of an Isothermal Thermodynamic Transformation*, From Particle Systems to Partial Differential Equations, C. Bernardin and P. Gonçalves (eds.), Springer Proceedings in Mathematics and Statistics **75**, Springer-Verlag Berlin Heidelberg, 2014. DOI 10.1007/978-3-642-54271-8,
- (6) *Energy Diffusion in Harmonic System with Conservative Noise*, with G. Basile, **J.Stat.Phys.**, **155**, 6, 1126–1142, 2014. DOI 10.1007/s10955-013-0908-4
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- (10) *Toward the Fourier law for a weakly interacting anharmonic crystal*, with C. Liverani, **J.American Math.Soc.** 25, N.2, 555–583, 2012.

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- (12) *Negative Thermal Conductivity in Rotor model*, with A. Iacobucci, F. Legoll, G. Stoltz, **Phys. Rev. E** 84, 061108, 2011.
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- (14) *A limit theorem for an additive functionals of Markov chains*, with M. Jara and T. Komorowski, **Annals of Applied Probability**, Vol. 19, No. 6, 2270-2300, 2009. DOI: 10.1214/09-AAP610
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- (18) *Stationary and Non-equilibrium Fluctuations in Boundary Driven exclusion processes*, with C. Landim and A. Milanes, **Markov Proc. Rel. Fields**, vol. 14, 165-184, 2008.
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