Curriculum Vitae of Thierry DAUXOIS

Date of Birth	15 Septembre 1967
Nationality	French
Status	Maried, 2 children
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Formation	
1987-1991	Student at ENS Lyon
1990	Agrégation de Physique
6 Janvier 1993	Doctorat de Physique à l'Université de Bourgogne "Nonlinear Dynamics and Statistical Mechanics of a DNA model" PhD Advisor: Prof. M. Peyrard (Dijon)
25 Mai 1999	Habilitation à Diriger des Recherches à l'Université Lyon 1 "Localized Nonlinear Waves: Applications to Condensed Matter and to Hydrodynamics"
Research Position	
3-7/1992	Invited Researcher - Los Alamos (USA)
1993	Scientifique du contingent - ENS Lyon
8-9/1993	Invited Researcher - Los Alamos (USA)
2-9/1994	Professeur Agrégé - ENS Lyon
1994-present	Chargé de Recherche au CNRS - ENS Lyon
9/1996-3/1997	Invited Researcher - Florence Univ. (Italy)
9/1997-8/1998	Invited Researcher - San Diego Univ (USA)
Actual Position	Chargé de Recherche au CNRS (CR1)
Domain of Research	Nonlinear Dynamics of Complex Systems

Publications

44. F. Gobet, S. Ciliberto, T. Dauxois, en préparation,
Aging phenomena in nonlinear dissipative chains: application to polymer.

43. T. Dauxois, S. Lepri, A. Pikovsky, S. Ruffo, en préparation,
Clustering and ensembles inequivalence in mean-field hamiltonian models.

42. T. Dauxois, V. Latora, A. Rapisarda, S. Ruffo, A. Torcini, (Juillet 2002)
The Hamiltonian Mean Field Model: from statistical mechanics to dynamics and back.

41. T. Dauxois, S. Ruffo, E. Arimondo, M. Wilkens, soumis (Mai 2002)
Dynamics and thermodynamics of systems with long range interactions: an introduction.

40. J. Barré, F. Bouchet, T. Dauxois, S. Ruffo, soumis à Physical Review Letters (Avril 2002).
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39. J. Barré, F. Bouchet, T. Dauxois, S. Ruffo, soumis à Europhysical Journal B (Février 2002).
Birth and long-time stabilization of out-of-equilibrium coherent structures.

38.T. Dauxois, N. Theodorakopoulos, M. Peyrard, Journal of Statistical Physics **107**, 869 (2002).
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37. F. Rastello, T. Dauxois, Rapport de Recherche RR-01-42 (Novembre 2001).
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36. Julien Barré, Thierry Dauxois, Europhysics Letters **55**, 154 (2001).
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35. Julien Barré, Thierry Dauxois, Stefano Ruffo, Physica A **295**, 254 (2001).
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34. T. Dauxois, P. C. W. Holdworth, S. Ruffo, Europhysical Journal B **16**, 659 (2000).
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33. N. Theodorakopoulos, T. Dauxois, M. Peyrard, Physical Review Letters **85**, 6 (2000).
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32. C. Laroche, T. Dauxois, M. Peyrard, American Journal of Physics **68**, 552 (2000).
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31. T. Dauxois, E. E. Mac Phee, W. R. Young, non publié.
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30. T. Dauxois, W. R. Young, Journal of Fluid Mechanics **390**, 271-295 (1999).
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29. T. Dauxois, Habilitation à Diriger des Recherches, Université de Lyon 1 (1999).
Ondes Non Linéaires Localisées : Applications en Matière Condensée et en Hydrodynamique.

28. T. Dauxois, S. Ruffo, A. Torcini, Journal de Physique IV **8**, Pr 6, 147-156 (1998).
Analytical estimation of the maximal Lyapunov exponent in oscillator chains.

27. T. Cretegny, T. Dauxois, S. Ruffo, A. Torcini, Physica D **121**, 109-126 (1998).

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26. O. M. Braun, T. Dauxois, M. V. Paliy, M. Peyrard, B. Hu, Physica D **123**, 357-367 (1998).
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25. T. Dauxois, S. Ruffo, A. Torcini, Physical Review E **56**, R6229-R6232 (1997).
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24. M. Paliy, O. M. Braun, T. Dauxois, B. Hu, Physical Review E **56**, 4025-4030 (1997).
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23. O. M. Braun, T. Dauxois, M. Peyrard, Physical Review B **56**, 4987-4995 (1997).
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22. I. Daumont, T. Dauxois, M. Peyrard, Nonlinearity, **10**, 617-630 (1997).
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21. O. M. Braun, T. Dauxois, M. V. Paliy, M. Peyrard, Physical Review E **55**, 3598-3612 (1997).
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20. F. Russell, Y. Zolotaryuk, J. Eilbeck, T. Dauxois, Physical Review B **55**, 6304-6308 (1997).
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19. O. M. Braun, T. Dauxois, M.V. Paliy, M. Peyrard, Physical Review Letters **78**, 1295-1298 (1997).
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18. O. M. Braun, T. Dauxois, M. Peyrard, Physical Review B **54**, 313-320 (1996).
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17. O. M. Braun, T. Dauxois, M. V. Paliy, M. Peyrard, Physical Review B **54**, 321-332 (1996).
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16. M. Peyrard and T. Dauxois, Mathematics and Computer in Simulations **40**, 305-318 (1996).
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15. T. Dauxois, S. Fauve, L. Tuckerman, Physics of Fluids, **8**, 487-495 (1996).
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14. S. Ciliberto, T. Dauxois, M. Droz, Editions Frontières, Juin (1995).
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10. T. Dauxois, M. Peyrard, C. R. Willis, Physical Review E **48**, 4768-4778 (1993).
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9. M. Peyrard, T. Dauxois, H. Hoyet, C. R. Willis, Physica D **68**, 104-115 (1993).
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8. T. Dauxois, M. Peyrard, A. R. Bishop, Physica D **66**, 35-42 (1993).
Thermodynamics of a nonlinear model for DNA denaturation.

7. T. Dauxois, M. Peyrard, Physical Review Letters **70**, 3935-3938 (1993).

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6. T. Dauxois, Thèse de doctorat, Université de Bourgogne (1993).
Dynamique non linéaire et mécanique statistique d'un modèle d'ADN.

5. T. Dauxois, M. Peyrard, A. R. Bishop, Physical Review E **47**, R44-R47 (1993).
Entropy driven DNA denaturation.

4. T. Dauxois, M. Peyrard, A. R. Bishop, Physical Review E **47**, 684-695 (1993).
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3. M. Peyrard, T.Dauxois, H.Hoyet, Nanobiology **1**, 313-324 (1992).
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2. T. Dauxois, M. Peyrard, C. R. Willis, Physica D **57**, 267-282 (1992).
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1. T. Dauxois, Physics Letters A **159**, 390-395 (1991).
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