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Current position:

CNRS Research Director (DR2)

Research theme: understand how the forms and functions of organisms are controlled, through an underlying genetic and epigenetic regulation. In this aim, multi-scale modeling of living systems and specific tools for analyzing in-vivo data are developed within interdisciplinary collaborations, with a focus on the networks and physical constraints at work in biological functions.

Previous Appointments

2005-2012: Visitor at the Institut des Hautes Etudes Scientifiques, Bures-sur-Yvette
2006-2011: Researcher at Centre National de la Recherche Scientifique (CR1), LPTMC UMR 7600
1991-2006: Assistant Professor at University Paris 6, LPTMC UMR 7600
1989-1991: Temporary Assistant Professor at University Paris 6, LPTMC UMR 7600
1985-1989: Fellowships of Ecole Polytechnique, Fondation de France, Fondation Singer-Polignac

University Education

June 2003: HDR Multiscale approaches in physics and biology, University Paris 6
1983-1985: PhD thesis in theoretical physics, Ecole Polytechnique/University Paris 6
1982-1983: DEA in theoretical physics, University Paris 6
1981-1985: Student at Ecole Normale Supérieure

Current Responsibilities

since 2012: Member of the editorial board of EPJ Nonlinear Biomedical Physics (Springer)
since 2010: Member of the steering committee of RNSC (French Network of Complex Systems)
since 2006: Member of the editorial board of the journal "Nature Sciences Sociétés"
since 2002: Director of the series Echelles, published by Belin (32 volumes)

Publications: 70 papers in peer-reviewed journals, 8 books (all published in both french and english versions), preprints available at: <http://www.lptmc.jussieu.fr/users/lesne/>