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Current position:

CNRS Research Director (DR2) since sept. 2011

Research theme

understand how the forms and functions of organisms are controlled by the underlying genetic and epigenetic regulation. In this aim, multi-scale modeling of living systems and specific tools for analyzing in-vivo data are developed through interdisciplinary approaches, with a focus on the role of physical constraints and networks in biological functions.

Previous Positions

2005-2013: 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 2011: Member of the scientific council of *MIA* department at INRA
since 2014: Member of the administrative council of the *Société de Philosophie des Sciences*
since 2012: Member of the editorial board of *EPJ Nonlinear Biomedical Physics* (Springer)
since 2002: Director of the series *Echelles*, published by Belin (36 volumes)

Previous Responsibilities

2010-2015: Member of the steering committee of *RNSC* (French Network of Complex Systems)
2003-2008: Deputy director of the *ISC-PIF* (Complex Systems Institute of Paris)
2006-2015: Member of the editorial board of *Natures Sciences Sociétés*

Publications

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