



## **Paul BOURGINE**

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Habilitation in cognitive science, PhD in mathematical economics

Ecole Polytechnique, ENGREF Environmental & Agricultural Engineering National School, Paris, France

- 2012- Founder and President of the Complex Systems Digital Campus
- 2015- Permanent Board member of the Complex Systems Institute of Paris Ile-de-France
- 2006- Director of the National Network of Complex Systems (then honorary director)
- 2005-2010 Director of CREA-Ecole Polytechnique
- 2006-2008 Director of the Complex Systems Institute of Paris Ile-de-France
- 1995-2010 Head of the «complex systems» research group of CREA-Ecole Polytechnique
- 1994-1995 Director of the Complex Systems Engineering Laboratory of CEMAGREF
- 1987-1994 Director of the Artificial Intelligence and Artificial Life Laboratory of CEMAGREF
- 1983-1985 Director of the agricultural sector of the Centre Mondial Informatique

*Paul Bourguine* is honorary director of the French National Network of Complex Systems, president of the UniTwin UNESCO CS-DC and the former director of CREA (Ecole Polytechnique and CNRS). PhD in Economics (1983), Habilitation in cognitive science (1989). First President of Complex Systems Society. Scientific interest: complex adaptive systems, large interactive networks. Current research fields: genetic networks, neural networks, social networks and social cognition, learning and co-evolutionary dynamics, reconstruction and robustness/resilience of multiscale dynamics. Co-chair of the two first conferences in Economics and Artificial Intelligence (1986,1990), of the first European Conference of Artificial Life (1990), of the first European Conference in Cognitive Economics (2004), Chair of the first European Conference on Complex Systems (2005), co-chair of the two first conferences on Morphogenesis in living systems. Thirty PhD supervised, thirty five research grants, eighty articles, one patent, editor of many volumes including: *Towards a practice of Autonomous systems*, MIT-Press, 1992 with Francisco Varela ; *Economics and cognitive science*, Pergamon Press, 92 ; *Cognitive Economics: an interdisciplinary approach*, Springer Verlag 2004, with Jean-Pierre Nadal; *Morphogenesis : the origin of forms*, Springer Verlag 2010, with Annick Lesne.