



European Curriculum Vitae

Personal information

Surname(s) / First name(s) **Cointet, Jean-Philippe**
Address(es) 7 rue des Gravilliers, 75003 PARIS, France
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Email(s) cointet@poly.polytechnique.fr
http://jph.cointet.free.fr
Nationality(-ies) French
Date of birth 29-03-1980
Gender Male

Current Research

Dates 2010 –
Occupation **Researcher**
Subject Controversies in virtual arenas - reconstruction and mapping.
Advisor **Marc Barbier**
Name and address of employer INRA-SenS
IFRIS / UPEMLV, Cité Descartes, 5 boulevard Descartes,
Champs sur Marne 77454
Marne-la-Vallée Cedex 2

Education and training

Dates 2005 – 2009
Occupation **Phd Complex Systems**
Subject Socio-semantic dynamics in knowledge communities, morphogenesis and diffusion
Interests Social networks, Textual corpora analysis, Knowledge diffusion, Opinion dynamics, Conceptual mapping, Knowledge network morphogenesis
Advisor **Paul Bourguine and Pierre-Benoit Joly**
Name and address of employer Institut des Systèmes Complexes Paris Ile de France – 59, Rue Lhomond , 75005 PARIS, FR
CREA – Center of Research in Applied Epistemology – CNRS – Ecole Polytechnique – 1 Rue Descartes, 75005 PARIS, FR
TSV – Social and Political Transformations related to Life Sciences and Life Forms – INRA – 65 Bd. de Brandebourg - 94205 Ivry-sur-Seine Cedex, FR
Dates 2005 – 2009
Organization **Ecole Doctorale de l'école Polytechnique**
Title of qualification awarded **PhD** (*"Prix de thèse de l'Ecole Polytechnique"*)
Dates 2004 – 2005
Principal subjects **AIV - Interdisciplinary approaches of the living**
Organization co-ability by ENS (Ecole Normale Supérieure) and Paris VI
Title of qualification awarded **Master Degree**

Dates	2003 – 2004
Principal subjects	ENGREF : Water and forest management engineering school
Organization	ENGREF – Paris, FR
Title of qualification awarded	Master of Engineering
Dates	2000 – 2002
Principal subjects	engineering school : Physics, Computer Science, Biology, Mathematics
Organization	Ecole Polytechnique – Palaiseau, FR
Title of qualification awarded	Master of Engineering
Level	UNDERGRADUATE
Dates	2002 – 2003
Principal subjects	Audiovisual studies
Organization	Paris I, Sorbonne – FR
Title of qualification awarded	Bachelor Degree

Personal skills and competences

Mother tongue(s)	French
Other language(s)	English, Spanish

Publications

International Journals

Title	“Social and Semantic Coevolution in Knowledge Networks”.
Authors	C. Roth, J.P. Cointet
Journal	Social Networks –32(1):16-29, 2009
Title	“Academic team formation as evolving hypergraphs”
Authors	C. Taramasco, J.P. Cointet, C. Roth
Journal	Scientometrics –Avril 2010
Title	“Order-Wise Correlation Dynamics in Text Data”
Authors	M. Funabashi, D. Chavalarias J.P. Cointet
Journal	Complex Networks, Springer, 161–171, 2009
Title	“Bottom-up scientific field detection for dynamical and hierarchical science mapping - methodology and case study”
Authors	D. Chavalarias, J.P. Cointet
Journal	Scientometrics – Vol. 75, No. 1 - April 2008
Title	“Multi-level science mapping with asymmetrical paradigmatic proximity”
Authors	J-P. Cointet D. Chavalarias
Journal	Network and Heterogeneous media – Vol. 3, No. 2 - June 2008
Title	“How realistic knowledge diffusion networks should be?”
Authors	J.P. Cointet, C. Roth
Journal	JASSS – Vol. 10, No. 3 - June 2007

Articles under review

Title **"A Real-World Spreading Experiment in the Blogosphere"**
Authors A. Friggeri, J.P. Cointet, M. Latapy
Journal Happyflu 2009

Title **"The Reconstruction of Science Phylogeny "**
Authors D. Chavalarias, J.P. Cointet
Journal Arxiv, 2009, preprint 0904.3154

International Conferences
with proceedings and
reviewing process

Title **"Precursors and laggards: An Analysis of Semantic Temporal Relationships on a Blog Network"**
Authors T. Menezes, J-P. Cointet, C. Roth
Conference IEEE SocialCom Intl Conf on Social Computing, Vancouver, Canada, Aug 2010

Title **"Local Networks, Local Topics: Structural and Semantic Proximity in Blogspace"**
Authors J-P. Cointet, C. Roth
Conference ICWSM 4th AAAI Intl Conf on Weblogs and Social Media, Washington, DC, USA, May 2010

Title **"Socio-semantic Dynamics in a Blog Network"**
Authors J-P. Cointet, C. Roth
Conference IEEE SocialCom Intl Conf on Social Computing, Vancouver, Canada, Aug 2009 - *best paper award*

Title **"Cycles in hypergraph-based networks: signal or noise, artefacts or process"**
Authors L. Tabourier, J-P. Cointet, C. Roth
Conference 10e rencontres francophones sur les aspects ALGOritmiques des TELécommunications– Ile d'Oléron – mai 2008

Title **"Information diffusion on realistic networks"**, *best student paper*
Authors J.P. Cointet, C. Roth
Conference 9th "francophone summit on algorithms for telecommunications" – Ile d'Oléron, France – May 2007

Title **"Intertemporal topic correlations in online media"**
Authors J.P. Cointet, E. Faure, C. Roth
Conference ICWSM : International Conference on Weblogs and Social Media – Boulder, CO, USA – March 2007

Workshops
(abstract-based
submissions)

Title **"Evolving hypergraphs to appraise academic team formation processes"**
Authors C. Taramasco, J.P. Cointet, C. Roth
Workshop *Sunbelt XXX, Riva del Garda, Italy, July 2010*

Title	"Du gène aux réseaux ? Une cartographie des communautés scientifiques depuis 30 ans"
Authors	J.P. Gaudillère, J.P. Cointet, C. Bonneuil
Workshop	<i>Les OGM face aux nouveaux paradigmes de la biologie, INRA, Paris, Feb. 2009</i>
Title	"Filtering lattice-based taxonomies with concept stability: A case study in the analysis of political texts"
Authors	S. Obiedkov, N. Romashkin, J.P. Cointet, C. Roth.
Workshop	<i>Coping with Complexity: Model Reduction and Data Analysis, Ambleside, Lake District, UK, August 31 - September 4, 2009</i>
Title	"Science mapping with asymmetrical semantic proximity"
Authors	D. Chavalarias, J.P. Cointet
Conference	ECCS : European Conference on Complex Systems – Dresden, Germany – October 2007
Title	"Evolution des structures relationnelles et des contenus au sein de la blogosphère politique française"
Authors	J.P. Cointet, C. Roth
Workshop	<i>Nouvelles approches, nouvelles techniques en analyses de réseaux sociaux, CLERSE, Lille, Mar. 2008</i>
Title	"Modèles de diffusion de connaissance, quel réalisme?"
Authors	J.P. Cointet
Workshop	<i>atelier TICCOOP, Nice, Feb. 2008</i>
Title	"Opinion dynamics in the french political blogosphere"
Authors	J.P. Cointet
Workshop	"Scaling in Biological and Social Networks", SFI – Santa Fe, NM, USA – July 2007
Title	"Socially-mediated concept diffusion in a scientific community"
Authors	J.P. Cointet, C. Taramasco, C. Roth
Conference	Sunbelt XXVII International Social Network Conference – Corfu, Greece – May 2007

Projects

Title	Webfluence, Opinion Dynamics in Virtual Arenas: Topology, Morphogenesis and Diffusion
Programm	ANR (grant: ANR-08-SYSC-009)
Coordinator	C. Roth
Title	TINA, Tools for interactive assessment of projects portfolio and visualization of scientific landscapes
Programm	FP7 (grant: CA/STREP – CP-FP-INFOS n°245412)
Coordinator	D. Chavalarias
Title	Cobina, Connaissances biologiques et normes d'action publique
Programm	ANR
Coordinator	P.B. Joly