European Curriculum Vitae

Personal information
Surname(s) / First name(s)  Cointet, Jean-Philippe
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Email(s)  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
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 Bourgine and Pierre-Benoit Joly
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
2005 – 2009
Title of qualification awarded  Ecole Doctorale de l’école Polytechnique
PhD (“Prix de thèse de l’Ecole Polytechnique”)

Dates  2004 – 2005
Occupation  AIV - Interdisciplinary approaches of the living
Principal subjects  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

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

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
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<tbody>
<tr>
<td>“Academic team formation as evolving hypergraphs”</td>
<td>C. Taramasco, J.P. Cointet, C. Roth</td>
<td>Scientometrics –April 2010</td>
</tr>
<tr>
<td>“Bottom-up scientific field detection for dynamical and hierarchical science mapping - methodology and case study”</td>
<td>D. Chavalarias, J.P. Cointet</td>
<td>Scientometrics – Vol. 75, No. 1 - April 2008</td>
</tr>
<tr>
<td>“Multi-level science mapping with asymmetrical paradigmatic proximity”</td>
<td>J-P. Cointet D. Chavalarias</td>
<td>Network and Heterogeneous media – Vol. 3, No. 2 - June 2008</td>
</tr>
<tr>
<td>“How realistic knwoledge diffusion networks should be?”</td>
<td>J.P. Cointet, C. Roth</td>
<td>JASSS – Vol. 10, No. 3 - June 2007</td>
</tr>
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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

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 ALGOrithmiques 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
<table>
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<tr>
<th>Title</th>
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<th>Workshop</th>
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<tr>
<td>“Filtering lattice-based taxonomies with concept stability: A case study in the analysis of political texts”</td>
<td>S. Obiedkov, N. Romashkin, J.P. Cointet, C. Roth.</td>
<td>Coping with Complexity: Model Reduction and Data Analysis, Ambleside, Lake District, UK, August 31 - September 4, 2009</td>
</tr>
<tr>
<td>“Evolution des structures relationnelles et des contenus au sein de la blogosphère politique française”</td>
<td>J.P. Cointet, C. Roth</td>
<td>Nouvelles approches, nouvelles techniques en analyses de réseaux sociaux, CLERSE, Lille, Mar. 2008</td>
</tr>
<tr>
<td>“Modèles de diffusion de connaissance, quel réalisme?”</td>
<td>J.P. Cointet</td>
<td>atelier TICOOP, Nice, Feb. 2008</td>
</tr>
<tr>
<td>“Opinion dynamics in the french political blogosphere”</td>
<td>J.P. Cointet</td>
<td>“Scaling in Biological and Social Networks”, SFI – Santa Fe, NM, USA – July 2007</td>
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**Projects**

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