

Dario Taraborelli

T +44-207-624-0498
M +44-7900-341-201
✉ dario.taraborelli@gmail.com
@ <http://nitens.org/taraborelli>

Born: 28 September 1976.
Nationality: Italian.

Professional affiliations

Wikimedia Foundation
149 New Montgomery Street
3rd Floor
San Francisco, CA 94105
USA
wikimediafoundation.org

Sciences Po
School of Communication
27, rue Saint Guillaume
75337 Paris
France
www.sciences-po.fr

Centre for Research in Social Simulation
Department of Sociology
University of Surrey
Guildford GU2 7XH
UK
cress.soc.surrey.ac.uk

Areas of specialization

Cognitive science • Perceptual psychology • Philosophy of science

Areas of competence

Social computing • Human-computer interaction

Education

- 2005 **PhD in Cognitive Science** (highest honours)
École des Hautes Études en Sciences Sociales, France
ADVISOR : Roberto Casati, CNRS.
- 2001 **MSc in Cognitive Science**
École des Hautes Études en Sciences Sociales, France
ADVISORS: Pierre Jacob, CNRS; Kevin O'Regan, Université Paris 5.
- 2000 **MA in Philosophy of Science** (highest honours)
Università di Pisa, Italy
ADVISORS: Guglielmo Tamburrini, Università di Pisa; Adriana Fiorentini, CNR.
- 2000 **Licenza in Philosophy** (highest honours)
Scuola Normale Superiore di Pisa, Italy.
- 1995 **Maturità Scientifica** (highest honours)
Liceo Scientifico Calini di Brescia, Italy

Appointments held

1. Research

2010-present	Wikimedia Foundation Senior Research Analyst, Strategy (current position)
2008-present	University of Surrey Research Associate (current position) <i>Centre for Research in Social Simulation, Department of Sociology.</i>
2006-2008	University College London Marie Curie Fellow <i>Chater Lab, Department of Psychology.</i>
2005-2006	École des Hautes Études en Sciences Sociales Research Assistant <i>Institut Jean-Nicod (CNRS-ENS-EHESS).</i>

2. Teaching

2010-present	Sciences Po, Paris Lecturer (current position) Masters Programme in Communication <i>Cognition & ICT (24h)</i>
2010	ESC Dijon Visiting Lecturer Masters Programme in Organisation Management <i>ICT & Social Epistemology (30h)</i>
2005	Université Paris 7 Lecturer Undergraduate Programme in Psychology <i>Psychology and Experimental Methods (15h)</i>
2005	École Normale Supérieure Teaching Assistant MSc Programme in Cognitive Science <i>Perceptual Theory (5h)</i>

Grants & awards

2006-2008	Marie Curie fellowship (EIF) for post-doctoral research (2 years), <i>6th Framework Programme.</i>
2006	Qualification for the grade of <i>Maitre de Conférences</i> (ass. prof.), <i>French Council of Universities.</i>
2001-2004	Doctoral research fellowship (3 years), <i>French Ministry for Education, Research and Technology.</i>
2001-2002	Postgraduate research fellowship (12 months), <i>Università della Calabria, Italy.</i>
2000-2001	Postgraduate research fellowship (12 months), <i>Tovini Foundation, Brescia, Italy.</i>
2000	Postgraduate studentship (12 months), <i>École Normale Supérieure, Paris.</i>
1998-1999	Visiting studentship (6 months), <i>Ruhr-Universität Bochum, Germany.</i>
1995-1999	Undergraduate studentship (4 years), <i>Scuola Normale Superiore, Pisa, Italy.</i>
1995	Admission to the School of Humanities, <i>Scuola Normale Superiore, Pisa, Italy.</i>

Service to the profession

Editorial

- 2009-present Editor-in-Chief, [Review of Philosophy and Psychology](#), *Springer* (ISSN 1878-5158).
2006-2009 Editor-in-Chief, [European Review of Philosophy](#), *CSLI Publications, Stanford* (ISSN 1098-7274).
2004-2006 Executive Editor, [European Review of Philosophy](#).
2002-2005 Co-editor, [Jean Nicod Electronic Archives](#).

Advisory

Occasional reviewer for: [Journal of Computer-Mediated Communication \(JCMC\)](#); [First Monday](#); [Journal of Artificial Societies and Social Simulation \(JASSS\)](#); [Review of Philosophy and Psychology](#); [European Review of Philosophy](#).

Scientific and Programme Committees: [SocInfo 11](#); [WikiSym 11](#) (ACM 2011); [QTESO 10](#) (IEEE, 2010); [SocInfo 10](#) (IIASA, 2010); [WikiSym 10](#) (ACM, 2010); [Mobile A2K](#) (Rockefeller Foundation, 2009); [WikiSym 09](#) (ACM, 2009); [Scientific Publications 3.0](#) (FP6, 2008); [Beyond the Brain: Embodied, Situated and Distributed Cognition](#), (UQAM, 2006); [What Do Mirror Neurons Mean?](#) (European Science Foundation, 2005); [Enaction](#) (FP6 [ENACTIVE](#) project, 2005).

Participation in scientific projects

- 2010- **Quality Collectives** ([QLECTIVES](#))
FET Programme (FP7): FP7-ICT-231200.
2008-2010 **Pattern Resilience** ([PATRES](#))
STREP (FP6): NEST-043268.
2006-2008 **Cognition in Structured Electronic Environments** ([CSEE](#))
Marie Curie Programme (FP6): MEIF-CT-2006-024460.
2005-2006 **Enactive Interfaces** ([ENACTIVE](#))
Network of Excellence (FP6): IST-2002-002114.

Organisation of scientific events

- 2011 [Alt-metrics 2011](#) : Tracking scholarly impact on the Social Web
WebScience 2011, Koblenz
14-16 June 2011.
2010 [QualityCommons](#) : A workshop on collective quality representations
Maison de la Recherche, Université Paris IV-Sorbonne
28-29 January 2010.

Affiliations

Scientific

- 2010-present [Wikimedia Research Committee](#)
2009-2010 [European Social Simulation Association](#) (ESSA).
2007-present [European Society for Philosophy and Psychology](#) (ESPP).
2006-2007 [Marie Curie Fellow Association](#) (MCFA).

Other

- 2009-present [Lettera 27 Foundation](#)
A nonprofit foundation promoting digital literacy, access to knowledge and information in developing countries (member of the advisory board).
- 2006-present [AcademicProductivity.com](#)
A blog focusing on knowledge acquisition, production and dissemination, new technologies and productivity strategies for academics (co-founder and contributor).
- 2004-present [Openformats.org](#)
A collaborative advocacy project in 12 languages supporting the use of open formats and public standards in electronic communication (co-founder and maintainer).

Developer experience

- 2010-present [ReaderMeter](#)
A Web service providing author readership statistics based on online annotation tools (founder).
- 2008-present [WikiTracer](#)
A Web service providing cross-platform analytics for wikis (founder).
- 2007-present [Flickr Group Tracker](#)
A Web service to track activity metrics of Flickr groups (founder).
- 2004-present [WikkaWiki](#)
A lightweight, standards-compliant, PHP/MySQL wiki engine (developer; since 2006: project leader).
- 2003 [IJN Library Management System](#)
An e-catalogue and loan management system for the library of the Jean Nicod Institute (developer).
- 2002 [IJN Content Management System](#)
A content management system for the Jean Nicod Institute (developer).
- 2002 [S&M Content Management System](#)
A content management system for the “Sémantique et Modélisation” research network (developer).

IT & programming skills

Markup languages (XHTML, CSS, XML, XSD, JSON, microformats).
Scripting languages (PHP, Python, shell script, JavaScript, ActionScript).
Query languages (SQL).
Statistical analysis (Mathematica).
Social network analysis (Pajek, NetworkX, Gephi).
Agent-based modelling (Netlogo).
Revision control (Git, CVS, Subversion).
Digital typesetting (T_EX, L^AT_EX, X_YT_EX).
Server administration (Apache).

Languages

Italian (native speaker). *German* (intermediate proficiency).
English, French (professional proficiency). *Dutch* (elementary proficiency).

Publications

1. Journal articles

C. Heintz, **D. Taraborelli**, Editorial: Folk Epistemology: The Cognitive Bases of Epistemic Evaluation, *Review of Philosophy and Psychology*, 1(4), 2010.[\[DOI\]](#) [\[PDF\]](#)

D. Taraborelli, R. Casati, P. Egré, C. Heintz, Preface: The Review of Philosophy and Psychology, *Review of Philosophy and Psychology*, 1(1), 2010.[\[DOI\]](#)

C. Roth, **D. Taraborelli**, N. Gilbert, Démographie des communautés en ligne: le cas des wikis, *Réseaux*, 26 (152) 2008, 205-240.[\[DOI\]](#) [\[PDF\]](#)

M. Mossio, **D. Taraborelli**, Action-dependent perceptual invariants. From ecological to sensorimotor approaches, *Consciousness & Cognition*, 17 (2008), 1324-1340.[\[DOI\]](#) [\[PDF\]](#)

D. Taraborelli, M. Mossio, On the relation between the enactive and the sensorimotor approach to perception, *Consciousness & Cognition*, 17 (2008), 1343-1344.[\[DOI\]](#) [\[PDF\]](#)

D. Taraborelli, Verso una nuova frenologia? Considerazioni sull'uso dei metodi di brain imaging e di strategie sottrattive per lo studio della cognizione e delle sue basi neurali, *Logic and Philosophy of Science*, 1(1) 2003.[\[PDF\]](#)

2. Edited volumes

N. Gilbert, **D. Taraborelli**, C. Roth (Eds.), *Quality Commons: Collective representations of quality*, *Mind & Society*, 10(1) 2011 (forthcoming).

C. Heintz, **D. Taraborelli**, N. Pouscoulous (Eds.), Folk Epistemology, *Review of Philosophy and Psychology*, 1(4) 2010.[\[HTML\]](#)

3. Book chapters

D. Taraborelli, C. Roth, Viable Web communities: Two case studies, in: N. Gilbert, G. Deffuant (Eds.), *Pattern Resilience*, Kluwer, 2010.[\[PDF\]](#)

J. Battersby, Y. Kandelman, **D. Taraborelli**, Time-warped maps: Mapping the mental image of a city through travel distances, in I. Pensa, R. Casati (Eds.) *Mobile AzK: Resources, Interfaces, Contents for Urban Transformation*, interdisciplines.org, 2010.[\[HTML\]](#)

D. Taraborelli, Heurísticas sencillas para la evaluación de autoridad, in: A. Eraña and G. Mateos Gonzáles (Eds.), *La cognición como proceso cultural*, UNAM Press, Mexico, 2009.[\[PDF\]](#)

D. Taraborelli, How the Web is changing the way we trust, in: A. Briggie, K. Waelbers, P.A.E. Brey (Eds.), *Current Issues in Computing and Philosophy*, IOS Press, Amsterdam, 2008.[\[PDF\]](#)

A. Baldassarri, A. Barrat, A. Capocci, H. Halpin, U. Lehner, J. Ramasco, V. Robu, **D. Taraborelli**, The Berners-Lee Hypothesis: Power laws and Group Structure in Flickr, In: H. Alani, S. Staab, and G. Stumme (Eds.), *Social Web Communities* (08391), Dagstuhl Seminar Proceedings, Dagstuhl, Germany, 2008.[\[PDF\]](#)

Á. Eraña, B. Sylvand, **D. Taraborelli**, Tracking agency, in: R. Casati (Ed.) *Reference to Objects*, interdisciplines.org, 2005.[\[PDF\]](#)

4. Peer-reviewed conference papers

D. Taraborelli, G.L. Ciampaglia, Beyond notability. Collective deliberation on content inclusion in Wikipedia. *Fourth IEEE International Conference on Self-Adaptive and Self-Organizing Systems Workshops (SASOW 2010)*, Budapest, September 27- October 1, 2010.[\[PDF\]](#)

C. Roth, **D. Taraborelli**, N. Gilbert, Measuring wiki viability. An empirical assessment of the social

dynamics of a large sample of wikis. *Proceedings of the 2008 International Symposium on Wikis (WikiSym 2008)*, ACM Press, New York, NY, 2008.[\[DOI\]](#) [\[PDF\]](#)

D. Taraborelli, Soft peer review. Social software and distributed scientific evaluation. *Proceedings of the 8th International Conference on the Design of Cooperative Systems (COOP 08)*, Carry-le-Rouet, France, May 20-23, 2008.[\[PDF\]](#)

D. Taraborelli, A. Eraña, Drilling down to modules. On the need of individuation criteria for cognitive modularity. *15th Annual Meeting of the European Society for Philosophy and Psychology (ESPP 2007)*, Geneva, 9-12 July 2007.[\[HTML\]](#)

D. Taraborelli, Soft deference. How the Web is changing the way we trust. *5th European Computing and Philosophy Conference (ECAP 2007)*, Enschede, 21-23 June 2007.[\[PDF\]](#)

M. Mossio, D. Taraborelli, Why distinguish action from motion in defining perceptual invariants. *Interactivist Summer Institute (ISI 2007)*, Paris, 26-29 May 2007.

D. Taraborelli, Perceptual shunts, “Brains, Persons, and Society”: *7th Annual Meeting of the Italian Society for Analytic Philosophy (SIFA 2006)*, Milano, 28-30 September 2006.[\[HTML\]](#)

D. Taraborelli, M. Mossio, Spatial Cognition: From internal representations to sensorimotor rules, *1st Joint Conference of the Italian Society for Analytic Philosophy and the Italian Association for Cognitive Science (SIFA/AISC 2003)*, Vietri sul Mare, Italy, 2-3 October 2003.[\[PDF\]](#)

D. Taraborelli, What is a “feature”? A meta-analysis of selection criteria for salient visual properties, *26th European Conference on Visual Perception - (ECCV 2003)*, Paris, 1-5 September 2003.[\[PDF\]](#)

D. Taraborelli, What is a “feature”? A fast and frugal approach to the study of visual properties *8th International Colloquium on Cognitive Science - (ICCS 2003)*, San Sebastian, Spain, 7-10 May 2003.[\[PDF\]](#)

D. Taraborelli, Feature binding and object perception. Does object awareness require feature conjunction? *10th Annual Meeting of the European Society for Philosophy and Psychology (ESPP 2002)*, Lyon, France, 10-13 July 2002.[\[PDF\]](#)

5. Peer-reviewed conference posters

M. Mossio, D. Taraborelli, Framing the concept of action-dependent perceptual invariants. From ecological to sensorimotor approaches, *Perception, Action, Consciousness. Sensorimotor Dynamics and Dual Vision (PAC 2007)*, Bristol, 1-3 July 2007.

M. Mossio, D. Taraborelli, Framing the concept of action-dependent perceptual invariants. From ecological to sensorimotor approaches, *33rd Annual Meeting of the Society for Philosophy and Psychology (SPP 2007)*, York University, Toronto, 14-17 June 2007.

D. Taraborelli, How not to be fooled by cardboard rabbits. Heuristics for epistemic reliability judgments in the World Wide Web, *2nd International Conference on Persuasive Technology (PERSUASIVE 07)*, Stanford University, 27-28 April 2007.

6. Unpublished works

D. Taraborelli, *Basic Features in Vision*, PhD Dissertation in Cognitive Science, École des Hautes Études en Sciences Sociales, October 2005.[\[PDF\]](#)

D. Taraborelli, *Flexible architectures for mandatory modules: A reply to Sperber’s Modularity and Relevance*, 2005.[\[PDF\]](#)

D. Taraborelli, *Les problèmes du liage perceptif sont-ils bien posés? Une critique épistémologique du concept de “binding” et des “feature integration theories”*, MSc Thesis in Cognitive Science, École des Hautes Études en Sciences Sociales, June 2001.

D. Taraborelli, *Mappe della mente. Paradigmi sperimentali per la scomposizione e la localizzazione*

dei processi cognitivi, MA Thesis in Philosophy of Science, Università di Pisa, July 2000.[\[HTML\]](#)

7. Reports & white papers

J.Priem, **D. Taraborelli**, P. Groth, C. Neylon. Alt-metrics: A manifesto, 2010.[\[HTML\]](#)

D. Taraborelli, C. Roth, N. Gilbert, Measuring wiki viability (II). Towards a standard framework for tracking content-based online communities, PATRES project, 2008.[\[PDF\]](#)

D. Taraborelli, The Beauty of \LaTeX , 2008.[\[HTML\]](#)

D. Taraborelli, INSTITUTNICOD.ORG: Rapport sur l'impact du site sur la visibilité du laboratoire (2001-2005), Paris, 17 May 2005.[\[PDF\]](#)

Recent invited communications

Knowledge Media Institute, *Open University*, November 2010.

Polish-Japanese Institute of Information Technology, *Warsaw*, September 2010.

Science Online London 2010 ([SOLO 10](#)), *London*, September 2010.

Department of Sociology, *University of Surrey*, June 2010.

Department of Philosophy, *University of Milan*, May 2010.

Laboratoire Techniques, Territoires et Sociétés, CNRS, *Paris*, March 2010.

Department of Organisation Management, *Burgundy School of Business, Dijon*, March 2010.

QualityCommons Workshop, *Maison de la Recherche, Paris*, January 2010.

Mobile A2K Workshop, *Rockefeller Foundation Bellagio Center*, October 2009.

PATRES Workshop: Simplifying Individual-based Models, *Madeira*, October 2009.

European Conference on Complex Systems ([ECCS 2009](#)), *University of Warwick*, September 2009.

Centre for HCI design, *City University, London*, June 2009.

Nature Network, *Nature Publishing Group, London*, February 2009.