

Dr. GIULIA ANDRIGHETTO
Curriculum Vitae and List of Publications

PERSONAL DATA

Date of birth: 07/05/1979

Nationality: Italian

Professional Address:

National Research Council

Institute of Cognitive Sciences and Technologies

Via San Martino della Battaglia, 44, 00185 Rome, Italy

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CURRENT POSITION

Post-doctoral research fellow at the Institute for Cognitive Science and Technologies of the CNR, Rome

RESEARCH INTERESTS

Social and cognitive psychology, cultural evolution, philosophy of mind, behavioural game theory, social simulation, policy modelling.

EDUCATION

2007 PhD in Philosophy, University of Rome, *La Sapienza*. Thesis: “Linguistic Universals and Grammar Categories: the Parts of Speech Theory”

2002 Master in Philosophy (second cycle degree), University of Rome, *La Sapienza*. Thesis: “A naturalistic theory of culture”

LANGUAGES

Italian: mother tongue

English: fluency, both in speech and in writing

French: fluency, both in speech and in writing

TECHNICAL SKILLS

Word processing packages: Microsoft Word, OpenOffice, NeoOffice, Latex;

Statistical packages: Matlab; Statistical toolkits for the collection and analysis of network data: Ora and Automap;

Multi-agent programmable environment: NetLogo.

PERIODS OF RESEARCH AND STUDY ABROAD

- 2009 Participating at the Summer School *Dynamic Network Analysis and Computational Organization Theory*, School of Computer Science Institute for Software Research, Carnegie Mellon University, Pittsburgh, USA, 8 -14 June 2009
- 2008 Visiting scholar at the Workshop in *Political Theory and Policy Analysis*, Indiana University, Bloomington, USA (Invited by Prof. Elinor Ostrom)
- Participating at the Summer School *The Minds and Societies*, University of Québec, Montréal, Canada, 27 June, 6 July, 2008
- 2005-2006 Visiting scholar at *Laboratoire d'histoire des théories linguistiques*, UFR de Linguistique, Université Paris 7, Paris, France. Supervisor: Prof. Jean-Michel Fortis
- 2002 Visiting student at the *Laboratoire de Sciences Cognitives et Psycholinguistique*, Ecole Des Hautes Etudes En Sciences Sociales (EHESS-CNRS). Supervisor: Prof. E. Dupoux.
- 2001-2002 Visiting student at the University of Paris *La Sorbonne* (France) and at the *Jean Nicod Institute* (Paris, France). Supervisors: Prof. Daniel Andler, Prof. Dan Sperber

GRANTS AND BURSARIES

- 2006-2010 Research contract on “The European Project EMIL - EMergence In the Loop: simulating the two way dynamics of norm innovation” at Institute for Cognitive Sciences and Technologies, CNR Roma
- 2008 Short term mobility fellowship at the *Workshop in Political Theory and Policy Analysis*, Indiana University, Bloomington, USA (Invited by Prof. Elinor Ostrom)
- 2003-2006 PhD grant in Philosophy funded by the University of Rome *La Sapienza*, Italy
- 2001-2002 Erasmus/Socrates fellowship at the University of Paris *La Sorbonne*, France. Supervisors: Prof. Daniel Andler, Prof. Dan Sperber

AWARD

- 2008 Prize for best PhD thesis in Philosophy 2006-2007. Vittorio Sainati Prize

NATIONAL AND INTERNATIONAL PEER-REVIEWED CONFERENCES AND TEACHING EXPERIENCE

- 2010 (spring) Course on *Computational Models of Social Phenomena*, University of Rome, *La Sapienza* (Philosophy Department).

- 2009 *Cognitive underpinnings of punishment*,
Talk at the Sixth Conference of the *Italian Cognitive Science Association (AISC)*, Naples, 25-26 November, 2009
- ABSS4NORMS: Agent based social simulation for norm emergence*,
Tutorial at the *European Agent Systems Summer School (EASSS09)* University of Turin, Italy 31 August - 4 September, 2009
- Social Science and Cognitive Science*
Talk at the Summer School of the Italian Cognitive Science Association (AISC), *Computational Models of Economic and Social phenomena*, 22-26, June 2009, CNR, Rome
- Norms through minds*,
Talk at the *Workshop on the Workshop*, WOW04, Indiana University, Bloomington, 3-6 June, 2009
- Towards a SNAMAS as a field of science*,
Talk at the *Social Networks and Multiagent Systems Symposium (SNAMAS)*, International Symposium, AISB Convention, April 6-9, 2009 at the Heriot-Watt University, Edinburgh (Scotland)
- Normal = Normative? The Role of Intelligent Agents in Norm Innovation*,
Invited talk at *Normas '09*, Schloss Dagstuhl Seminar 09121, 15-20 Marzo 2009, Dagstuhl
- 2008 *Normal = Normative? The Role of Intelligent Agents in Norm Innovation*,
Talk at the *Colloquium Series* del Workshop in Political Theory and Policy analysis, Indiana University, Bloomington, 19 November 2008
- Simulating norm innovation*
Talk at the V *European Social Simulation Association (ESSA)*, September 1-5, 2008.
- How Agents Find out Norms: A Simulation Based Model of Norm Innovation*
Talk at the *3rd International Workshop on Normative Multiagent Systems (NorMAS 2008)*, 15- 16 July, 2008, Luxembourg
- Linguistic Universals and Grammar Categories: the Parts of Speech Theory*
Speaker at the award ceremony for the best Philosophy PhD thesis prize “Vittorio Sainati” 30 May 2008, Pisa
- 2007 *On the Immurgence of Norms: a Normative Agent Architecture*
Talk at the *AAAI Symposium, Social and Organizational Aspects of Intelligence*, 8-11 November 2007, Washington DC
- 2006 *Social Norms*
Tutorial, *Social Psychology* class, Program in Communication Science, University of Siena, Italy
- Semantic classification of PoS: In search of a philosophical antecedent*

Talk at *PoS2006*, Amsterdam Center for Language and Communication, June 8-10, 2006, University of Amsterdam

ORGANIZED EVENTS

- 2010 *Social Networks and Multiagent Systems Symposium2 (SNAMAS2)*,
International Symposium, AISB Convention, 6th April 2010, De Montfort University, Leicester
- 2009 *Computational Models of Economic and Social phenomena*,
Summer School of the Italian Cognitive Science Association (AISC), 22-26, June 2009, CNR, Rome
- Social Networks and Multiagent Systems Symposium (SNAMAS)*,
International Symposium, AISB Convention, April 6-9, 2009 at the Heriot-Watt University, Edinburgh (Scotland).
- 2006 *Evolution, emergence, generation*,
International workshop, European Conference on Complex Systems 2006 (ECCS'06), Saïd Business School, University of Oxford, 28-29 September 2006

LIST OF PUBLICATIONS

BOOKS

Andrighetto, G., Campenni, M., Conte, R., (Eds.) (proposal) (Submitted)
Minding Norms, Oxford Series on Cognitive Models and Architectures

Andrighetto, G. (in press)
Universali linguistiche e categorie grammaticali: la teoria delle parti del discorso. ETS, Pisa

PAPERS IN JOURNALS

Andrighetto, G., Tummolini, L., Castelfranchi, C., Conte, R. (submitted)
A convention or (tacit) agreement betwixt us. In Johan van Benthem, Vincent F. Hendricks, John Symons and Stig Andur Pedersen (Eds) *Between Logic and Intuition: David Lewis and the Future of Formal Methods in Philosophy*, Synthese, Springer

Cecconi, F., Campenni, M., **Andrighetto, G.**, and Conte, R. (Forthcoming)
What do Agent-Based and Equation-Based Modelling tell us about Social Conventions: The clash between ABM and EBM in a congestion game framework. In *Journal of Artificial Societies and Social Simulation*, JASSS

Conte, R., **Andrighetto**, G., Campenni, M., (2010)
The Immersion of Norms in Agent Worlds. In V. Dignum (Ed) 10th Annual International Workshop Engineering Societies in the Agents' World, in Springer-Verlag LNAI

Conte, R., **Andrighetto**, G., Campenni, M. (2010)
Internalizing Norms. A cognitive model of (social) norms' internalization. In Campenni, M. (Ed.) Emergence of Norms in Artificial Societies, IJATS 2 (1)

Campenni, M., Cecconi, F., **Andrighetto**, G., Conte, R., (2010)
Norm and Social Compliance A Computational Study. In Campenni, M. (Ed.) Emergence of Norms in Artificial Societies, IJATS 2 (1)

Andrighetto, G., Campenni, M., Cecconi, F., Conte, R. (2010)
The Complex Loop of Norm Emergence: a Simulation Model. In K. Takadama, C. C. Revilla, G. Deffuant (Eds.) The Second World Congress on Social Simulation, Springer-Verlag LNAI

Campenni, M., **Andrighetto**, G., Cecconi, F., Conte, R. (2009)
Normal = Normative? The role of intelligent agents in norm innovation. In Mind & Society, 2009, 10.1007/S11299-009-0063-4

Andrighetto, G. (2009)
Universali linguistici e categorie grammaticali: la teoria delle parti del discorso. In Paradigmi, 2009/2

Andrighetto, G. (2006)
Le nuove sfide della linguistica cognitiva. In Il giornale di filosofia,
<http://www.giornaledifilosofia.net/>

Andrighetto, G.,
La grammatica cognitiva, Intervista a Ronald Langacker. In Il giornale di filosofia,
<http://www.giornaledifilosofia.net/>

EDITED JOURNAL ISSUES

Andrighetto, G., Boella, G., Sichman, J., Verhagen, H., (Eds.) (2010)
Special Issue on Social Networks and Multiagent Systems. In Computational & Mathematical Organization Theory (CMOT)

CHAPTERS IN BOOKS (PEER REVIEWED)

Andrighetto, G., (2010)
A comment on Rainer Hegselmann and Oliver Will, Modelling Humes's moral and political theory. The design of Hume 1.0. In Baurmann, M., (Ed.) "Norms and Values. The role of social norms as instruments of value realisation", Nomos, Germany

Andrighetto, G. (2007)

Classificazione delle parti del discorso: superare la dicotomia tra parola e contesto. In Raffaella Petrilli, Diego Femia (eds.) Collana psfl - Pubblicazioni della Società di Filosofia del Linguaggio, n. 04

Andrighetto, G. (2006)

Cultura e modularità. In F. Ferretti, M. Marraffa (eds.) Architetture della Mente. Saggi sulla modularità, Abramo editore, Catanzaro, pp. 169-187

PROCEEDINGS (PEER REVIEWED)

Conte, R., **Andrighetto, G.**, Campenni, M., (2009)

On Norm Internalization. A Position Paper. In proceedings of the 6th ESSA Conference, 14-18 September 2009, Guildford, Surrey, UK

Andrighetto, G., Giardini, F., Conte, R., (2009)

Norms through minds. In proceedings of WOW04, Indiana University, Bloomington, 3-6 June, 2009

Conte, R., **Andrighetto, G.**, Giardini, F., (2009)

The Mind as Fitness Landscape. An Agent Based Approach to Evolving Institutions. In proceedings of the Workshop Do Institutions Evolve? European University Institute, 8-9 May 2009, Florence

Andrighetto, G., Boella, G., Sichman, J., Verhagen, H., (Eds.) (2009)

Proceedings of *the Social Networks and Multiagent Systems Symposium*, AISB Convention Heriot-Watt University, April 6-9, 2009 Edinburgh (Scotland)

Andrighetto, G., Campenni, M., Cecconi, F., Conte, R., (2008)

What do Agent-Based and Equation-Based Modelling tell us about Social Conventions? In Proceedings of III Edition of Epistemological Perspectives on Simulation (EPOS). A Cross-Disciplinary Workshop, Lisbon, Portugal, October 2 - 3, 2008

Campenni, M., **Andrighetto, G.**, Cecconi, F., Rosaria Conte (2008)

Normal = Normative? The Role of Intelligent Agents in Norm Innovation. In Proceedings of The Fifth Conference of the European Social Simulation Association (ESSA), University of Brescia, September 1-5, 2008

Cecconi, F., **Andrighetto, G.**, Campenni, M., and Zappacosta, S. (2008)

On the Emergence of Conventions: a Comparison between a Simulative and an Analytical Approach. In Proceedings of International Conference on Economic Science with Heterogeneous Interacting Agents 2008 (ESHIA/WEHIA), Warsaw University of Technology, 19th-21st June 2008

- Andrighetto, G., Campenni, M., Conte, R., Cecconi, F. (2008)**
Conformity in Multiple Contexts: Imitation Vs Norm Recognition. In Proceedings of the second World Congress on Social Simulation (WCSS-08), July 14-17, 2008, Washington DC
- Andrighetto, G., Campenni, M., Conte, R., Cecconi, F. (2008)**
How Agents Find out Norms: A Simulation Based Model of Norm Innovation. In Proceedings of 3rd International Workshop on Normative Multiagent Systems (NorMAS 2008), 15-16 July, 2008, Luxembourg
- Andrighetto, G., Campenni, M., Cecconi, F., (2007)**
Uno studio sull'Emergenza delle Convenzioni. In Proceedings of the IV Conference of the the Italian Cognitive Science Association (AISC), Rome, 28-29 November, 2007
- Andrighetto, G., Campenni, M, Conte, R., Paolucci, M. (2007)**
On the Immergence of Norms: a Normative Agent Architecture. In G. P. Trajkovski and S. G. Collins (Eds.) Emergent Agents and Socialities: Social and Organizational Aspects of Intelligence. Papers from the AAI Fall Symposium, The AAI Press, Menlo Park, California
- Conte, R., **Andrighetto, G.,** Campenni, M, Paolucci, M. (2007)
Emergent and Immergent Effects in Complex Social Systems. In G. P. Trajkovski and S. G. Collins (Eds.) Emergent Agents and Socialities: Social and Organizational Aspects of Intelligence. Papers from the AAI Fall Symposium, The AAI Press, Menlo Park, California
- Andrighetto, G., Conte, R., Turrini, P.,(2007)**
Emergence In the Loop: Simulating the two way dynamics of norm innovation. In Proceedings of the Dagstuhl Seminar on Normative Multi-agent Systems, 18-23 March 2007, Dagstuhl, Germany
- Andrighetto, G. (2006)**
Semantic classification of PoS: In search of a philosophical antecedent. In Proceedings of PoS2006, Amsterdam Center for Language and Communication, 8-10, June 2006, University of Amsterdam.
- Andrighetto, G. (2005)**
Universali linguistici e categorie grammaticali. In Proceedings of the XVI Convegno Nazionale dei Dottorati di Ricerca in Filosofia, La giovane filosofia italiana a Reggio Emilia, December, 14-17, 2005

POSTERS

- Andrighetto, G., Campenni, M., Conte, R., Cecconi, F. (2008)**
Conformity in Multiple Contexts: Imitation Vs Norm Recognition. II World Congress on Social Simulation (WCSS-08), July 14-17, 2008, Washington DC
- Andrighetto, G., Campenni, M., Cecconi, F., (2007)**
Uno studio sull'Emergenza delle Convenzioni. IV Conference of the the Italian Cognitive Science Association (AISC), Rome, 28-29 November, 2007

Andrighetto, G. (2006)

Semantic classification of PoS: In search of a philosophical antecedent. PoS2006, Amsterdam Center for Language and Communication, University of Amsterdam (June 8-10, 2006)

TECHNICAL REPORTS

Andrighetto, G., Campenni, M.; Conte, R. (2007)

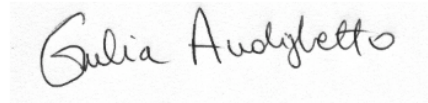
EMIL-M: MODELS OF NORMS EMERGENCE, NORMS IMMERGENCE AND THE 2-WAY DYNAMIC, Technical Report, LABSS-ISTC/CNR, 00507, pp. 1-50

Andrighetto, G., Conte, R., Turrini, P. (2007)

EMIL ONTOLOGY, Technical Report, LABSS-ISTC/CNR, 00307, pp. 1-11

Rome, 23/10/2009

Giulia Andrighetto

A handwritten signature in black ink that reads "Giulia Andrighetto". The signature is written in a cursive style and is placed on a light-colored rectangular background.