Curriculum Vitae – Rosaria Conte

General Information

Rosaria Conte is **head** of the **Laboratory of Agent Based Social Simulation** at the ISTC-CNR in Rome, **President of the Italian Cognitive Science Association** (AISC), and **President of the European Social Simulation Society** (ESSA). She and has been **teaching Social Psychology** at the Univ. of Siena until 2009. **Tutor** of (Inter)national **Fellowships** and **PhD** students, she is now a member of the newly established Rome Node of the **Centre of Interactive Intelligent Systems (CIIS)** of the Univ. of Plymouth, UK.

She **published 136 works** among volumes, papers in scientific journals, conference proceedings, and book chapters. Her scientific activity aimed to (a) explain **prosocial behaviour** among intelligent autonomous systems, including altruism and norm-based action and (b) model the **bidirectional dynamics of norms** and norm-enforcement mechanisms (including **reputation** and gossip). Her research is characterised by a highly **interdisciplinary approach,** at the intersection among cognitive, social, and computational sciences, and an **innovative**, computational **methodology** based on **agent based social simulation** (ABSS).

Areas of Interest

(Info)Social Order, Agent Theory, Emergence and Evolution of Social Institutions, Deontic Logic, Social Simulation, Cultural Evolution.

Measures
H index: **27** computed on Publsh&Perish – with <R Conte> key, repeatedly pruning non pertinent entries.
Total citations: **3048**
Av. cite publ.:   **22,41**
Av. Impact Factor: **1.32**

Education and periods of research and study abroad:

1976: Degree in Philosophy, Facolty of Philosophy, University La Sapienza, Rome.
1980: Postdoctoral Fellowship at Department of Sociology, UCSD, USA; tutor: Prof. Aaron Cicourel.
1985: Visiting scholar at the Department of Psychology of the Johns Hopkins University, Baltimore, USA.

Scientific and Academic Career

1982-2001: Junior Scientist at the Institute of Psychology (IP, now Institute of Cognitive Science and Technology, ISTC) of CNR.
1993-1994: Teaches Cognitive Psychology at the Univ. of Turin
1994-1996: Teaches Social Psychology at the Univ. of Turin
1997-2009: Teaches Social Psychology at the Univ. of Siena
1998-2002: Official Responsibility for Division "Interazione, Cognizione e IA" of ISTC.
1998- :   Head of Laboratory of *Agent Based Social Simulation* (LABSS) www.labss.cnr.it , at ISTC, www.istc.cnr.it
2001: Honorary Associate Researcher at *Centre for Policy Making* of Business School, Manchester Metropolitan University, UK.
2001: Got *"Idoneità"* for Directorship of ISTC.
2001: Senior Scientist at ISTC.
2003-2005: Member of PhD Teaching and Evaluation Committee *"Elettronica e Telematica"*, Univ. Of Florence.
2005-2007: Member of PhD Teaching and Evaluation Committee *"Scienza Cognitiva, Logica e*

Informatica" Doctorate, Univ. of Siena.

2006- : Elected President of AISC, *Associazione Italiana di Scienza Cognitiva*,
http://www.aisc-net.it/it/

2005-2008: Head of Research Unit: "*MicroMacro Link: Mente, Relazioni e Reti Sociali. Simulazione Sociale e Strumenti di Governance*", IC.P09.001.001 (A).

2008- : Elected President of *European Social Simulation Association,* http://www.essa.eu.org/

2008- : Head of Research Unit: "*Agenti Cognitivi e Simulazione Sociale*", IC.P09.009.001.

2009- : Memberof Rome Node of the *Centre for Interactive Intelligent Systems (CITS),* University of Plymouth, UK, for MPhil or PhD by the University of Plymouth, Univ. Of Plymouth, UK.

2010-2011 : Member of Inter-Instiutional Master in "Sistemi Intelligenti", ISTC/CNR and Univ. Of Naples, Rome, ISTC.

Coordination of Scientific Projects (from now on, starting from most recent)

2006-2009: ***EMIL: EMergence In the Loop: the 2-way Dynamics of Norm Innovation*** *(*http://emil.istc.cnr.it/),
No. contratto: 033841, rilasciato dal 6° Quadro dei progetti europei*, Information Society Technologies (IST),*
periodo di attività dal 01/09/2006 al 31/10/2009,
entità del finanziamento: 1.535.000 €

2006-2009: ***eREP****: Social Knowledge for (e)Governance[1]* (http://megatron.iiia.csic.es/eRep),
No. contratto: 028575, rilasciato dal 6° Quadro dei progetti europei*, Citizens and Governance in the Knowledge based society (SSH)*,
Period of activity: dal 01/04/2006 al 31/03/2009
Funding: 1.199.984 €

2005-2008: ***SOCRATE - SOcietà artificiali per la Competizione e la collaborazione****: Reti di conoscenza, reputazione orgAnizzativa e clusTEr di medie e piccole imprese (* http://socrate.istc.cnr.it/) ,
No. contratto: RBNE03Y338, rilasciato dal MIUR-FIRB.
Funding: 477.000 €

1996 – 1997: Vigoni Project on "***Evolution of the elementary Morals***", with Prof. R. Hegselmann Dept. Of Philosophy Bremen Univ., Germany.
Funding: 5.000.000 Lit.

Participation in Scientific Projects

2007-2010: ***SOCCOP in "The Evolution of Cooperation and Trade"*** *(http://www.esf.org/activities/eurocores/running-programmes/tect/projects/list-of-projects.html),* Project funded by the European Science Foundation (ESF), coordinated by Herbert Gintis.
Funding: 270,000 €

2000-2003: ***FIRMA – Freshwater Integrated Resource Management with Agents*** (http://www.ist-world.org/ProjectDetails.aspx?ProjectId=41ab200194f346889cb581f374e4ecb0),
No contratto: EVK1-CT-1999-00016, rilasciato dal 5° Quadro dei progetti Esprit*, (SSH)*,
Funding: 184,750 €

1998-2000: Progetto Strategico (PS) "**L'Italia in Europa: governance e politiche per lo sviluppo economico-sociale**" funded by CNR, Comitato 10 "Scienze Sociali, Economiche e Statistiche"
Funding: Lit. 10.000.000

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[1] After contract signature, the candidate asked and obtained to be substituted, as Project Coordinator, by another member of her laboratory, Dott. Mario Paolucci.

Program and Steering Committees (*excerptum*)
> *ESSA conferences since 2001.*
> *World Conferences of Social Simulation (WCSS) since 2005.*
> *Autonomous Agents and Multi Agent Systems* (AAMAS) Conference.
> *International Conference on Artificial Intelligence and Law* (ICAIL)
> *Regulated Agent-Based Social Systems: Theories and Applications* (RASTA)
> *Steering Committee* of *Multi Agent Based Simulation* (MABS) Workshops since 1998.
> *German Conference Series on MultiAgent system Technologies* (MATES), since 2004
> *Modelling Autonomous Agents in a Multi Agent World* (MAAMAW), 1992 – 1997.
> *SIMulating SOCieties (SimSoc) Symposia*, 1992 - 1995.

Management and Evaluation Committees

2009	**ACM SIGART** Autonomous Agents Research Award
2005 - :	Projects under **6th EU FW**, in SSH and Complexity Calls.
2002 - :	*ESSA (***European Association for Social Simulation***)*, http://www.essa.eu.org/
2001 - :	**Public national competitions** for Starting Scientist contracts and positions.
1998 – 1999:	**AgentLink** 1 Network of Excellence; http://www.agentlink.org/admin/docs/1998/1998-012.txt
1998: :	Board of Priority of **Economic and Social Research Council** (ESRC)*, UK,* in the area of Complexity.

Journals Advisory Boards

2010 - :	**PolIs** (Politica e Istituzioni) – Journal publ. by *Fondazione Ugo Bordoni*
2000 - :	**Sistemi Intelligenti** – Journal publ. by *Il Mulino*.
1998 - :	**JASSS** – *Journal of Artificial Societies and Social Simulation*, publ. By Univ. of Surrey, UK.

Reviewer (*excerptum*)
> *Computational and Mathematical Organisation Theory, IEEE Computer Journal, The Computer Journal, American Journal of Sociology, Current Anthropology, Journal of Autonomous Agents and Multiagent Systems, AI & Society, Topics in Cognitive Science, Cognitive Systems Research, Social Networks, Etc.*

Technical-Scientific Committees Member

2002–2005:	Complex Systems Network of Excellence (EXYSTENCE) EU 5° FW, (complexity, under Future Emergent Technologies (FET)),
2001–2004:	AgentLink II: Network of Excellence for Agent Based Computing, EU 5° FW,(under Information Technology (IST)).
1998–2001:	AgentLink I.
1998–2001:	European Special Interest Group ABSS - Agent Based Social Simulation (Coordinator), within Network of Excellence AgentLink II
1998- :	SIMSOC consortium for the promotion of social simulation.
1994-1996:	Working Group 8319 "ModelAge" (Modelling Agents), Basic Research Actions, EU 5° FW.

Chair of International Scientific Events
2000 (September)*: International Conference on **Modelling and Simulating cultural Transmission and Evolution***, Certosa di Pontignano, Siena 3-4 settembre, 2000
1998 (June): *First International Workshop on **Multi Agent Based Simulation**,*at *International Conference on Multi Agent Systems* (ICMAS), Paris.
1997 (September): ICCS&SS I – *First International Conference on **Computer Simulation and the Social Sciences***, Cortona, Italy, settembre 1997
*1996 (*December*): **Norms, Obligations, Conventions***, International Workshop* (WK 5) a ICMAS 96, Keyanna Plaza, Kyoto, Japan.
*1993 (*July*):* International Symposium on ***Approaches to Simulating Social Phenomena and Social Processes***, Certosa di Pontignano, Siena, Italy, (II Simulating Societies (SimSoc) Symposium).
1991 (December)**:** International Conference on **"Dilemmas of Democracy. Social and Cognitive Sciences sociali facing the contradictions of democracy and of its models**". In collaboration with *Fondazione Gramsci*, CNRS and *La Maison des Sciences de l'Homme.* Rome, CNR, Aula Marconi.

International Tutorials and Summer Schools
2010 (September): Course on ***Normative Agents*** at the 1ˢᵗ ESSA Summer School, Univ.
          Brescia, Dept. of Social Sciences.
2008 (July):   Course on ***Norms in Multi Agent Systems***, Social Cognition Summer School, Univ.
          of Quebec in Montreal.
2002 (July):   Tutorial on "***Reputation Mechanisms in Multiagent Systems***" at *First*
          International Joint Conference on Autonomous Agents and Multi Agent Systems,
          AAMAS, Bologna
2001 (May-June): Tutorial on "***Image & Reputation Among Autonomous Agents***", *Fifth*
          International Conference on Autonomous Agents, Montreal, Canada.
1999 (July):   Course on "***Social Simulation and Artificial Societies***" at *First European Agent*
          Systems Summer School (EASSS'99), Utrecht, NL.

Tutor of Fellows and PHD students
2010:   Postdoctoral Visiting, Dr. Daniel Villatoro from CSIC; Barcelona, Spain.
2010:   Postdoctoral Visiting, Dr. Francisco Moreno, from Univ. Of Valencia, Spain.
2010 - :   Postdoctoral Visiting, Barbara Sonzogni, From Faculty of Sociology, Univ. La Sapienza,
          Rome.
2007-9:   Dott. Metodologia della Ricerca Sociale, Univ. Of Catania; coordinatore: Giovanni
          Gennaro; tutors: Giovanni Gennaro, Rosaria Conte; PhD student: Dr. Valentina Punzo,
          Th. "***La Teoria Generale del Crimine fra Razionalità Classica e Prospect   Theory. Un***
          Tentativo di Simulazione MultiAgent Based".
2006-9:   Dott. Scienza Cognitiva, Univ. Of Padova; coordinator: Remo Job; tutor: Rosaria Conte;
          candidate: Dr. Gennaro Di Tosto, Th. "***Cooperation through communication: Agent-***
          based models and experimental results."
2006- 8:   Dott. Scienza Cognitiva, Logica e Informatica, Univ. Of Siena; Coordinator: Sandro
          Nannini; Tutor: Rosaria Conte; PhD student: Dr. Paolo Turrini, Th. "***A Formal***
          Approach to Responsibility in Multi Agent Systems"
2003- 5:   Dott. Dipartimento Elettronica e Telecomunicazioni, Univ. di Firenze,; coordinatore:
          Dino Giuli; tutors: Rosaria Conte, Paolo Bussotti, candidato Dr. Mario Paolucci, Th.
          "***Reputation as a complex cognitive artefact: theory, simulations, experiments***".
1994-1996:   PhD student (Dr. Jaime S. Sichman) from LIFIA Univ. Of Grenoble, France,
          Th. **"Social reasoning about multiagent systems".**

Invited Talks and Lectures (excerptum)
2010 (Sept. 17): ***"Dynamic of (Il)legality"***, *European Complex Systems Conference (ECCS)*,
          Lisbon, Portugal.
2010 (July 7-9): "***From Norm Emergence to Norm Internalization", Deon 2010: 10th***
          International Conference on Deontic Logic in Computer Science, Fiesole,
          EUI.
2010 (July 6ᵗʰ): "***From Norm Adoption to Thoughtless Conformity***" , *European Cooperation in*
          Science and Technology (COST) Action Workshop on Norm Compliance, Fiesole,
          EUI.
2009 (Nov. 9ᵗʰ): ***"Reputation in Evolution. What the ethnography of gossip can tell***
          electronic institutions", *International Conference SICOSSYS* (Simulation of
          Complex Social systems), Univ. Of Sevilla.
2009 (May 18-19): ***"The mental fitness of institutions. An agent based approach"***, *Conference on*
          The Evolution of Institutions, Fiesole, EUI.
2009 (March): "***Reputation in Evolution***", *1ˢᵗ International Conference on Reputation*,
          Gargonza, Italy.
2008 (February): ***"Agent Theory: A Missing Requirement of Generative Social Science",*** Centre
          de Science Cognitive, CNRS, Lion, Fr.
2008 (April): ***"Directions of Emergence. Reputation and Social Norms "***, *Artificial*
          Intelligence and Social Behaviour (AISB) Convention, Aberdeen, UK.
2007 (November): ***"Agent Theory: A Missing Requirement of Generative Social Science"***, *Agent*
          Conference, Chicago, NorthWestern Univ., USA.
2006 (October 3-6): ***"From Simulation to Theory (and Backward)",*** International
          Workshop on *Epistemological Perspectives On Simulation,* Univ. Brescia.
2003 (December): ***"Vampire Bats & The Micro-Macro Link"***; Topical Workshop

on ***"Agent-Based Computational Modelling"***, Vienna Institute of Demography.

2002 (July): *"**A Plea for Complexity. The Role of Meta-Beliefs for Social Theory**", International Workshop "Sociophysics", Zentrum fuer Interdisziplinaere Forschung (ZIF) Univ. of Bielefeld, Germany.*

2002 (December): "***Reputation Transmission for Partner Selection***" International Conference on "*How to scientifically approach culture?*" Stanford Univ., CA, Dept. of Anthropology.

2001 (October): ***"Agent-based modeling for understanding social intelligence"*** "*Adaptive Agents, Intelligence and Emergent Human Organization: Capturing Complexity Through Agent-Based Modeling*", National Academy of Sciences, Beckman Center, Irvine, California.

2000 (September): *"**Necessity of Intelligent Agents for Social Simulation**" at ICCS&SS II, Second International Conference on Computer Simulation and the Social Sciences, Paris, Ecole Normale Superieur.*

2000 (October): "**Intelligent Social Agents**", Dept. of Complex Systems, Univ. of Michigan, Ann Arbor.

2000 (July): "***Intelligent Agents in Participatory Policy Making***", EAWAG, Zurich.

1996 (March): *"**Modelling Autonomous Agents**" Dept. of Philosophy, Univ. of Bremen, Germany.*

1999 (June): *"**Memes Through (Social) Minds**"*; King's College Conference *"Do memes account for culture?"*, Cambridge, UK.

1997 (May): "***Diversity in rationality***", Schloss Dagstuhl Seminar on "*Microsimulation and the social sciences: The analysis of sensitivity*".

1997 (May): *"**Computational models of rational and cognitive agents**" at the 5ᵗʰ Colloquium on Cognitive Science, ICCS-97, Univ. Donostia - San Sebastiàn (Spain).*

1996 (June): *"**Cooperation in One-shot Interaction**" at the 6° International Conference on Social Dilemmas, Waassenar, NL, Netherlands Institute of Advanced Study.*