

Curriculum Vitae di Rino Falcone

Rino (Rosario) Falcone è Direttore dell'Istituto di Scienze e Tecnologie della Cognizione (ISTC) del Consiglio Nazionale delle Ricerche (CNR).

E' laureato in fisica e le sue principali competenze ed esperienze sono nell'ambito dell'*Intelligenza Artificiale*; in particolare vanno dall'*elaborazione del linguaggio naturale*, al *riconoscimento di piani*, allo *sviluppo di modelli e sistemi nell'ambito dei Sistemi Multi-Agente* e della *Teoria degli Agenti Intelligenti*. Negli ultimi tempi ha approfondito gli studi sul *modello socio-cognitivo e computazionale della fiducia*.

È stato coinvolto in vari progetti nazionali ed internazionali: in particolare, è stato coordinatore europeo di "*MindRaces: from Reactive to Anticipatory Cognitive Embodied Systems*", un progetto sull'anticipazione cognitiva, organizzato nell'ambito del *sesto programma quadro della Comunità Europea*. Progetto finanziato con oltre due milioni di euro.

Ha pubblicato più di 150 articoli in conferenze e riviste. Ha organizzato diverse conferenze e workshop internazionali, in particolare negli ultimi 12 anni, sui temi della fiducia nella società ad agenti c/o la conferenza "Autonomous Agents and Multi-Agent Systems" (AAMAS).

È stato Editor di *Special Issues* di varie riviste internazionali (Applied Artificial Intelligence, Lecture Notes in Artificial Intelligence, Artificial Intelligence and Law, etc.). È stato presentatore di tutorials ed *invited speaker* sui temi di *Social Artificial Intelligence*. È coautore con Cristiano Castelfranchi del volume: "Trust Theory, A Socio-Cognitive and Computational Model" (Wiley, 2010).

E' inoltre da sempre interessato alle politiche della ricerca. Ha per questo organizzato e partecipato ad iniziative e proposte di vario genere. Ha fatto parte della Commissione, costituita dal Presidente del CNR, per la realizzazione del *primo Documento di Visione Strategica Decennale del CNR* ed è stato *Consigliere del Ministro dell'Università e Ricerca* Fabio Mussi per le questioni attinenti alla *ricerca scientifica*.


Principali pubblicazioni (degli ultimi 10 anni):

- **Falcone R.**, Piunti, M., Venanzi, M., Castelfranchi C., (2013), From Manifesta to Krypta: The Relevance of Categories for Trusting Others, in **R. Falcone** and M. Singh (Eds.) *Trust in Multiagent Systems*, ACM Transaction on Intelligent Systems and Technology, in press 2013

- Paglieri F., Castelfranchi C., da Costa Pereira C., **Falcone R.**, Tettamanzi A., and Villata S., (2013), Trusting the Messenger and the Message: Feedback dynamics from information quality to source evaluation, Computational and Mathematical Organization Theory; in press 2013.

- **Falcone R.**, Miceli, M., (2012), *The complex relationships between trusting and being trustworthy* in Fabio Paglieri, Luca Tummolini **Rino Falcone** e Maria Miceli (Eds.) *The Goals of Cognition*, College Publications, 2012.

- **Falcone R.**, Castelfranchi C., Lopes Cardoso H., Jones A., Oliveira E., (2012), *Norms and Trust*, in Ossowsky S. (Ed.) *Agreement Technologies*, Springer Series: Law, Governance and Technology Series, Vol. 8, ISBN 978-94-007-5582-6, pages 44-53, 2012.

- **Falcone R.**, Castelfranchi C., Trust and Transitivity: How trust-transfer works, 10th International Conference on Practical Applications of Agents and Multi-Agent Systems, University of Salamanca (Spain)  28-30th March, 2012.

- **Falcone R., Castelfranchi C.**, Trust and relational capital, *Computational and Mathematical Organization Theory: Volume 17, Issue 2* (2011), pages 179-195.
- Castelfranchi C., **Falcone R.**, "Trust Theory: A Socio-Cognitive and Computational Model", John Wiley and Sons, April 2010.
- Castelfranchi C., **Falcone R.**, Lorini E., A non-reductionist Approach to Trust, in J. Goldbeck (Editor) *Computing with Social Trust*, Springer, pp. 45-72, 2009.
- **Falcone R.**, Castelfranchi C., (2008). Generalizing Trust: Inferencing trustworthiness from categories, in R. Falcone, S. Barber, J. Sabater, M. Singh (Editors) *Trust in Agent Societies*. LNAI N° 5396. pp. 65-80.
- Lorini E., **Falcone R.**, Castelfranchi C., (2008). Trust within the context of organizations. In P. Degano, J. Guttman, F. Martinelli (Eds.), *Proceedings of the Workshop on Formal Aspects in Security and Trust (FAST 2008)*, Springer-Verlag, LNCS.
- Emiliano Lorini, Michele Piunti, Cristiano Castelfranchi, **Rino Falcone**, and Maria Miceli (2008). Anticipation and Emotions for Goal Directed Agents in G. Pezzulo, M. Butz, C. Castelfranchi and R. Falcone (Editors) *The Challenge of Anticipation*. LNAI State-of-the-Art Survey N° 5225, pp.: 135-160.
- Giovanni Pezzulo, Martin V. Butz, Cristiano Castelfranchi, **Rino Falcone** (2008). Introduction: Anticipation in Natural and Artificial Cognition in G. Pezzulo, M. Butz, C. Castelfranchi and R. Falcone (Editors) *The Challenge of Anticipation*. LNAI State-of-the-Art Survey N° 5225, pp.: 3-22.
- **Falcone R.**, Ricerca e sviluppo tecnologico; in *L'Italia oltre il declino. Ricerca scientifica e competitività economica*. Pietro Greco e Settimo Termini (a cura di); Franco Muzzio Editore. 2007 (pp. 101-107).
- Michele Piunti, Cristiano Castelfranchi and **Rino Falcone** (2007). Surprise as shortcut for Anticipation: clustering Mental States in Reasoning. In *Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI-07)* (p. 507-512). Hyberabad, India.
- Castelfranchi C., **Falcone R.**, Piunti M. (2006). Agents with Anticipatory Behaviors: To be Cautious in a Risky Environment. In *Proceedings of European Conference of Artificial Intelligence 2006*, Riva del Garda Trento (TN) (p.).
- Castelfranchi C., **Falcone R.**, Marzo F., (2006), *Being Trusted in a Social Network: Trust as Relational Capital*, in Ketil Stølen, William H. Winsborough, Fabio Martinelli, Fabio Massacci (Eds.): *Trust Management, 4th International Conference, iTrust 2006*, Pisa, Italy, May 16-19, 2006, *Proceedings. Lecture Notes in Computer Science 3986* Springer 2006, ISBN 3-540-34295-8.
- **Falcone R.**, Pezzulo G., Castelfranchi, C., Calvi G. (2005), Contract Nets for Evaluating Agent Trustworthiness, Special Issue on "Trusting Agents for Trusting Electronic Societies" in *Lecture Notes in Artificial Intelligence*, 3577, pp. 43-58.
- **Falcone R.**, Castelfranchi, C. (2005), An Overview of a Belief-Based Model of Trust, *Encyclopedia of Information Science and Technology*, Volume I-V, ISBN: 1-59140-553-X, Idea Group Inc. (January, 2005).
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Autonomous Agents and Multi-Agent Systems (AAMAS-04), New York, 19-23 July 2004, ACM-ISBN 1-58113-864-4, pages 1392-1393.

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