

Curriculum vitae

Emiliano Lorini

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1 Identifying information

- Name: Emiliano Lorini
- Date of birth: 14/01/1977
- Place of Birth: Florence, Italy
- Nationality: Italian
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1.1 Affiliations

- Institut de Recherche en Informatique de Toulouse (IRIT), Toulouse University.
- Member of the LabEx (Laboratoire d'Excellence) "Institute for Advanced Study in Toulouse (IAST)", Toulouse School of Economics.

1.2 Academic degrees

- "Habilitation à diriger des recherches" (HDR), Université Paul Sabatier, Toulouse, France, 2016.
- PhD in Cognitive Sciences, University of Siena, Italy, 2007.
- Master in Computer Science, Université Paul Sabatier, Toulouse, France, 2004.
- Master in Cognitive Sciences, University of Siena, Italy, 2003.

1.3 Employment

- Since 2009. CNRS permanent researcher.
- May 2007-September 2009. Postdoc, Institut de Recherche en Informatique de Toulouse (IRIT), project ForTrust "ForTrust: Social Trust Analysis and Formalization", Agence Nationale de la Recherche Scientifique (ANR).
- November 2006-May 2007. Postdoc, Institute of Cognitive Sciences and Technologies-CNR, Rome, Italy, project MindRACES "From Reactive to Anticipatory Cognitive Embodied Systems", Sixth Framework Programme-Information Society and Technologies-Cognitive Systems.
- June 2003-November 2003. One year research grant, Institute of Cognitive Sciences and Technologies-CNR, Rome, Italy, project OMLL "Origins of Man, Language and Languages", European Science Foundation (ESF).

2 Scientific activity

2.1 Responsibilities

I am head of the LILaC (Logic, Interaction, Language and Computation) team at the Institut de Recherche en Informatique de Toulouse (IRIT).

2.2 Awards

In 2014 I have been awarded of the CNRS bronze medal for my research in the area of Artificial Intelligence (AI).

Award for the best paper at the Twenty-Eighth Annual Conference on Legal Knowledge and Information Systems (JURIX 2015).

2.3 Member of scientific and editorial boards

I am a member of the board of the European Association for Multi-Agent Systems (EURAMAS).

I am a member of the steering committee of the series of workshops on Norms, Actions and Games (NAG).

I am a member of the editorial board of “Topoi: An International Review of Philosophy”.

2.4 Invited talks

- International workshop on “Doxastic Agency and Epistemic Logic”, December 2017, Bochum, Germany.
- International workshop on Permissions, Information and Institutional Dynamics, Obligations, and Rights (PIOTR), 16-17 February 2016, Lublin.
- International workshop on Epistemic Modality and Reference, December 3th 2015, Toulouse.
- International symposium “Let’s act! — Formal models of collective agency, intention, and responsibility”, 15th Congress of Logic, Methodology and Philosophy of Science (CLMPS 2015), 3-10 August 2015, Helsinki.
- International workshop on Correlated Information Change, 24-26 November 2014, Amsterdam.
- International symposium on Collective Reasoning, 3rd Conference of the European Network on Social Ontology (ENSO III), 23-25 October 2013, Helsinki.
- International workshop on Formal Methods for the Informal World, 4-8 March 2013, Leiden.

- 13th International Workshop on Computational Logic in Multi-Agent Systems (CLIMA XIII), 27-28 August 2012, Montpellier.
- International workshop on Multi-agent Organisation (MAO), 19-23 December 2011, Leiden.
- Journées d’Intelligence Artificielle Fondamentale (IAF’10), 29-30 June 2010, Strasbourg.
- Second International workshop on Formal models of Norm Change, University of Amsterdam, 18-20 January 2010.
- International Symposium on Surprise in Natural and Artificial Agents, International Conference of the International Society for Research on Emotion (ISRE 2009), Leuven, 6-8 August 2009.
- First International workshop on Formal models of Norm Change, University of Luxembourg, 29-30 November 2007.

2.5 Supervision of PHD thesis

- Arianna Novaro (PhD started in October 2016)
- Faustine Maffre (PhD started in October 2013)
- Frédéric Moisan (PhD defense in October 2013)
- Nadine Guiraud (PhD defense in September 2013)
- François Schwarzentruher (PhD defense in December 2010)
- Benoit Gaudou (PhD defense in July 2008)

2.6 Organization of scientific events (workshop, tutorials, courses during summer schools)

- Organizer of the tutorial “Logics for multi-agent Systems” during AAMAS 2017 (16th International Conference on Autonomous Agents and Multiagent Systems), Sao Paulo, Brazil, May 2017.
- Organizer of the “CIMI Pluridisciplinary Workshop on Game Theory”, Toulouse, November 2015.
- Organizer of the course “Logics for Multi-Agent system” during EASSS 2015 (Seventeenth European Agent Systems Summer School), Barcelona, Spain, July 2015.
- Organizer of the course “Logics of Action and Time” during ESSLLI 2014 (European Summer School on Logic, Language and Information), Tübingen, August 2014.

- Organizer of the international workshop “Information Dynamics in Artificial Societies (IDAS)” during ESSLLI 2014 (European Summer School on Logic, Language and Information), Tübingen, August 2014.
- Organizer of the international workshop on “Logic and Game Theory”, Toulouse, September 2013.
- Organizer of the international workshop “The Cognitive Foundations of Group Attitudes and Social Interaction”, Toulouse, May 2012.
- Organizer of the international workshop “Theories of Information Dynamics and Interaction and their Application to Dialogue” during ESSLLI 2010 (European Summer School on Logic, Language and Information), Copenhagen, August 2010.
- Chair of the organizing committee of LOFT 2010 (Ninth International Conference on the Foundations of Game and Decision Theory), Toulouse, July 2010.
- Organizer of the tutorial “Computational and formal models of cognitive emotions” during AAMAS 2012 (Eleventh International Joint Conference on Autonomous Agents and Multi-Agent Systems), Valencia, Spain, June 2012.
- Organizer of the course “Logic and game theory”, Doctoral School in Computer Science, Toulouse University.
- Organizer of the course “Logics of Action and Agency” during EASSS 2011 (Thirteenth European Agent Systems Summer School), Girona, Spain, July 2011.
- Organizer of the international workshop “Logical Methods for Social Concepts” during ESSLLI 2009 (European Summer School on Logic, Language and Information), Bordeaux, July 2009.
- Organizer of the course “Individual and Collective Intentionality” during ESSLLI 2009 (European Summer School on Logic, Language and Information), Bordeaux, July 2009.
- Organizer of the special session “Formal models of Trust” during “Eleventh International workshop on Trust in Agent Societies”, Estoril, Portugal, May 2008.
- Organizer of the international workshop “Understanding Intentional Action”, Institute of Cognitive Science and Technologies-CNR, Rome, Italy, October 2006.

2.7 Regular teaching

I regularly teach the course “Modal logic and its application to interaction”, Master in Computer Science, Toulouse University. I teach approximately 10-15 hours per year.

2.8 Projects

- **Coordination international projects**

- 2012-2014. European research network SINTELNET “European Network for Social Intelligence”. Head of the working group “Group attitudes”.
Webpage of the project: <http://www.sintelnet.eu/>
- 2011-2012. Bilateral project France-The Netherlands, “Games for Norms: Logical and Computational Aspects (Games4Norms)”, van Gogh 2011 program.

- **Participation international projects**

- 2008-2012. European projects “COST Action IC0801 on Agreement Technologies (COST-AT)”.
Webpage of the project: <http://www.agreement-technologies.eu/>

- **Coordination national projects**

- 2015. Thematic trimester on Game Theory, LabEx CIMI (Centre International de Mathématiques et d’Informatique de Toulouse), Toulouse University.
- 2012-2014. Project EmoTES “Emotions in strategic interaction: theory, experiments, logical and computational studies”, financed by Agence Nationale de la Recherche (ANR).
Webpage of the project: <http://www.irit.fr/EmoTES/>

- **Participation national projects**

- 2016-2018: Project SINT “Social INTelligence: experiments and theories concerning economic agents”, financed by Agence Nationale de la Recherche (ANR).
- 2016-2018. Project “Social Choice on Networks” financed by LabEx CIMI (Centre International de Mathématiques et d’Informatique de Toulouse), Toulouse University.
- 2017-2019. Project “Bounded rationality, uncertainty and ignorance in formal systems” financed by LabEx CIMI (Centre International de Mathématiques et d’Informatique de Toulouse), Toulouse University.
- 2010-2013. Project TIES “Social ties in economics: experiments and theory”, financed by Agence Nationale de la Recherche (ANR).

- 2011-2013. Project PIMI “Personal Information Management through Internet”, financed by Agence Nationale de la Recherche (ANR).
- 2009-2011. Project CECIL “Complex Emotions in Communication”, financed by Agence Nationale de la Recherche (ANR).
Webpage of the project: <http://www.irit.fr/CECIL/>
- 2008-2011. Project MAELIA “Multi-Agent simulation for Environmental Laws Impact Assessment”, financed by Science and Technology of Aeronautics and Space (STAE).
Webpage of the project: <http://www.iaai-maelia.eu/>
- 2007-2010. Project ForTrust “Social trust analysis and formalization”, financed by Agence Nationale de la Recherche (ANR).
- 2005-2011. “Interdisciplinary Laboratory on Interacting Knowledge Systems” (LEA) ILIKS, CNRS and Italian CNR.

2.9 Chair of program committees

- PC chair of the international workshop NAG 2016 (Second International Workshop on Norms, Actions and Games)
- PC chair of the international workshop LAMAS 2015 (8th Workshop on Logical Aspects of Multi-Agent Systems)
- PC chair of the international conference ECSI 2014 (First European Conference on Social Intelligence)
- PC chair of the international workshop EUMAS 2013 (11th European Workshop on Multi-Agent Systems)

2.10 Member of program committees

- 15th International Conference on Principle and Practice of Multi-Agent Systems (PRIMA 2017)
- Twenty-sixth International Joint Conference on Artificial Intelligence (IJCAI 2017)
- 11th Multi-disciplinary International Workshop on Artificial Intelligence (MIWAI 2017)
- Nineteenth International Workshop on Trust in Agent Societies (TRUST 2017)
- International Workshop on Coordination, Organizations, Institutions and Norms in Agent Systems (COIN 2017)
- 16th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2017)

- 31st AAAI Conference on Artificial Intelligence (AAAI 2017)
- Ninth International Conference on Agents and Artificial Intelligence (ICAART 2017)
- 4th International Conference on Agreement Technologies (AT 2016)
- 14th European Conference on Multi-Agent Systems (EUMAS 2016)
- Social Simulation Conference 2016 (SSC 2016)
- The 2016 Normative Multiagent Systems Workshop (NorMAS 2016)
- 10th Multi-disciplinary International Workshop on Artificial Intelligence (MIWAI 2016)
- Coordination, Organizations, Institutions and Norms @ the European Conference on Artificial Intelligence (COIN@ECAI2016)
- 10th International Web Rule Symposium (RuleML 2016)
- 3rd IEEE International Conference on Data Science and Advanced Analytics (DSAA2016)
- 14th International Conference on Principle and Practice of Multi-Agent Systems (PRIMA 2016)
- 15th European Conference On Logics In Artificial Intelligence (JELIA 2016)
- 8th European Starting AI Researcher Symposium (STAIRS 2016)
- Second IJCAI Workshop on Algorithmic Game Theory (AGT@IJCAI-2016)
- 22nd European Conference on Artificial Intelligence (ECAI 2016)
- Twenty-fifth International Joint Conference on Artificial Intelligence (IJCAI 2016)
- Fifteenth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2016)
- Fifteenth International Conference on Principles of Knowledge Representation and Reasoning (KR 2016)
- Fourth International Workshop on Strategic Reasoning (SR 2016)
- Ninth International Workshop on Logical Aspects of Multi-Agent Systems (LAMAS 2016)
- Eight International Conference on Agents and Artificial Intelligence (ICAART 2016)

- International workshop on Coordination, Organizations, Institutions and Norms in Agent Systems (COIN@AAMAS2016)
- Eighteenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2016)
- Thirteenth International Conference on Deontic Logic and Normative Systems (DEON 2016)
- Chinese Conference on Logic and Argumentation (CLAR 2016)
- Twelfth International Conference on Logic and the Foundations of Game and Decision Theory (LOFT 2016)
- First IJCAI Workshop on Algorithmic Game Theory (AGT@IJCAI-2015)
- International Workshop on Coordination, Organizations, Institutions and Norms in Agent Systems (COIN@AAMAS2015)
- Second International Workshop on Emotion and Sentiment in Social and Expressive Media (ESSEM 2015)
- Twentieth Fourth International Joint Conference on Artificial Intelligence (IJCAI 2015)
- Fourteenth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2015)
- Fifth International Conference on Logic, Rationality and Interaction (LORI-V)
- Second International Workshop on Multiagent Foundations of Social Computing (MFSC 2015)
- Ninth International Web Rule Symposium (RuleML 2015)
- Twelfth European Workshop on Multi-Agent Systems (EUMAS 2014)
- First International Workshop on Norms, Actions and Games (NAG 2014)
- Twelfth International Conference on Deontic Logic in Computer Science (DEON 2014)
- Fifteenth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA XV)
- Seventh Workshop on Logical Aspects of Multi-Agent Systems (LAMAS 2014)
- Fourteenth International Conference on Principles of Knowledge Representation and Reasoning (KR 2014)

- Seventeenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2014)
- First International Workshop on Multiagent Foundations of Social Computing (SC-AAMAS-2014)
- Second International Workshop on Social Coordination: Principles, Artifacts and Theories (SOCIAL.PATH 2014)
- Second Workshop on Affects, Compagnons Artificiels et Interactions (WACAI 2014)
- Eighth Multi-disciplinary International Workshop on Artificial Intelligence (MIWAI 2014)
- Dix-neuvième congrès francophone sur la Reconnaissance des Formes et l'Intelligence Artificielle (RFIA 2014)
- Second International Workshop on Strategic Reasoning (SR 2014)
- Eleventh International Conference on Logic and the Foundations of Game and Decision Theory (LOFT 2014)
- Thirteenth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2014)
- Fourteenth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA XIV)
- Seventh International Symposium on Rules: Research Based and Industry Focused (RuleML 2013)
- Second International Workshop on Weighted Logics for AI (WL4AI 2013)
- Sixteenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2013)
- First International Workshop on Social Coordination: Principles, Artifacts and Theories (SOCIAL.PATH 2013)
- First International Workshop on Emotion and Sentiment in Social and Expressive Media: approaches and perspectives from AI (ESSEM 2013)
- Seventh Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI 2013)
- Twentieth Third International Joint Conference on Artificial Intelligence (IJCAI 2013)
- Twelfth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2013)

- Thirteenth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA XIII)
- First International Workshop on Weighted Logics for AI (WL4AI 2012)
- Fifteenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2012)
- Eleventh International Conference on Deontic Logic in Computer Science (DEON 2012)
- Twentieth European Conference on Artificial Intelligence (ECAI 2012)
- Fourth International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE 2012)
- Sixth International Symposium on Rules: Research Based and Industry Focused (RuleML2012@ECAI)
- Eleventh International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2012)
- Third International Workshop on Logic, Rationality and Interaction (LORI-III)
- Third International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE 2011)
- Fifth International Symposium on Rules: Research Based and Industry Focused (RuleML2011@BRF)
- RuleML 2011@IJCAI Doctoral Consortium
- Fifth International Symposium on Rules: Research Based and Industry Focused (RuleML2011@IJCAI)
- Twelfth International Workshop on Computational Logic in Multi-Agent Systems (CLIMA XII)
- Twentieth Second International Joint Conference on Artificial Intelligence (IJCAI 2011)
- Fourteenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2011)
- Thirteenth International Conference on Artificial Intelligence and Law (ICAAIL 2011)
- Tenth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2011)
- Fifth IFIP International Conference on Trust Management (IFIPTM 2011)

- Third Workshop on Logics for Intelligent Agents and Multi-Agent Systems (WLIAMAS 2010)
- Second International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE 2010)
- Ninth International Conference on the Foundations of Games and Decision Theory (LOFT 2010)
- Thirteenth International Workshop on Trust in Agent Societies (Trust in Agent Societies 2010)
- Ninth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2010)
- Fourth IFIP International Conference on Trust Management (IFIPTM 2010)
- First Workshop on Computational Trust for Self-Adaptive Systems (SELF-TRUST 2009)
- Eighth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2009)
- Eighteenth European Conference on Artificial Intelligence (ECAI'08)

2.11 Reviewing for journals

Artificial Intelligence Journal; Journal of Artificial Intelligence Research (JAIR); Synthese; Journal of Applied Logic; Journal of Logic and Computation; Emotion Review; Games and Economic Behavior; International Journal of Game Theory; Fundamenta Informaticae; ACM Transactions on Internet Technology; Mathematical Social Sciences; Journal of Applied Non-Classical Logics; Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS); Journal of Algorithms in Cognition, Informatics and Logic; Journal of Philosophical Logic; International Journal of Web Intelligence & Agent Systems; ACM Transactions on Intelligent Systems and Technology; Studia Logica; IEEE Transactions on Affective Computing; Artificial Intelligence and Law; Logique & Analyse; Phenomenology and the Cognitive Sciences; Journal of Approximate Reasoning; AI Communications; Neural Computing and Applications; Dialectica; Journal of Logic, Language and Information (JOLLI); Erkenntnis; ACM Computing Surveys; Journal of Social Ontology; IfCoLog Journal of Logics and their Applications; Journal of Mathematical Economics; Journal of Artificial Societies and Social Simulation (JASSS); Information Sciences.