

Curriculum Vitae

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Professional experience	
2006-2013	Politecnico di Milano Dipartimento di Elettronica e Informazione Assistant Professor with tenure
2013	Carnegie Mellon University Department of Computer Science Visiting Researcher
2013	YouMove.me Scientific Advisor
2005-2006	Politecnico di Milano Dipartimento di Elettronica e Informazione Research assistant
1999	Politecnico di Milano Dipartimento di Elettronica e Informazione Ph.D. student
Education	
2002-2005	Ph.D. in Computer Engineering at Politecnico di Milano (<i>cum Laude</i>), Italy
1995-2001	Laurea degree in Biomedical Engineering at Politecnico di Milano (98/100), Italy
Teaching activities	
2005-2009	Lecturer of Industrial Informatics (undergraduate)
2009-2014	Lecturer of Computer Science Systems (undergraduate)
2014	Lecturer of Internet Monetization (graduate)
2009	Lecturer of Cooperatives Games, Mechanism Design, and Auctions (graduate)
2008, 2010, 2012, 2014	Lecturer of Algorithmic Game Theory (graduate)
2008, 2009, 2010	Lecturer of Automatic Negotiations in Markets (talk at EASSS)
2012, 2013	Lecturer of Equilibrium Computation (tutorial at AAMAS, AAI)
2011	Lecturer of Security Games (tutorial at AAMAS, AAI)
Scientific activities	

<p><i>Participation to funded projects</i></p> <p>2008-2012</p> <p>2008-2012</p> <p>2011-2012</p>	<p>Researcher for ERC IDEAS ADVANCED GRANT SeCo</p> <p>Researcher for ERC IDEAS ADVANCED GRANT SMScom</p> <p>Researcher for MIUR PRIN PeopleNet</p>
<p><i>Participation to scientific committee</i></p> <p>2012-2014</p> <p>2012-2013</p> <p>2009-2014</p> <p>2009, 2011, 2013</p> <p>2012</p>	<p>JAAMAS (editorial board member)</p> <p>AAAI (PC)</p> <p>AAMAS (PC and SPC)</p> <p>IJCAI (PC and SPC)</p> <p>ACM EC (PC)</p>
<p><i>Selected publications</i></p>	<p>N. Basilico, N. Gatti, M. Monga, S. Sicari. Security Games for Node Localization through Verifiable Multilateration. IEEE Transactions on Dependable and Secure Computing, in press.</p> <p>I. Malanchini, M. Cesana, N. Gatti. Network Selection and Resource Allocation Games for Wireless Access Networks. IEEE Transactions on Mobile Computing, in press.</p> <p>B. An, N. Gatti, V. Lesser. Bilateral Bargaining with One-sided Uncertain Reserve Prices. Autonomous Agents and Multi-Agent Systems, 26(3): pag. 440-455, 2013.</p> <p>N. Basilico, N. Gatti, F. Amigoni. Patrolling Security Games: Definition and Algorithms for Solving Large Instances with Single Patroller and Single Intruder. Artificial Intelligence, 184-185: pag. 78-123, 2012.</p> <p>N. Gatti. Extending the Alternating-Offers Protocol in the Presence of Competition: Models and Theoretical Analysis. Annals of Mathematics and Artificial Intelligence, 55(3-4): pag. 189- 236, 2009.</p> <p>N. Gatti, F. Di Giunta, and S. Marino. Alternating-Offers with One-Sided Uncertain Deadlines: an Efficient Algorithm. Artificial Intelligence, 172(8-9): pag. 1119-1157, 2008.</p> <p>F. Amigoni, N. Gatti. A Formal Framework for Connective Stability of Highly Decentralized Cooperative Negotiations. Autonomous Agents and Multi-Agent Systems, 15(3): pag. 253-279, 2007.</p> <p>N. Gatti, F. Panozzo, M. Restelli. Efficient evolutionary dynamics with extensive-form games. In Proceedings of AAAI Conference on Artificial Intelligence (AAAI), Bellevue, USA, July 14-18, 2013.</p> <p>N. Gatti, M. Rocco, T. Sandhom. Algorithms for strong Nash equilibrium with more than two agents. In Proceedings of AAAI Conference on Artificial Intelligence (AAAI), Bellevue, USA, July 14-18, 2013.</p> <p>E. Munoz de Cote, R. Stranders, N. Basilico, N. Gatti, N. Jennings. Adversarial Patrolling Games with Alarms. In Proceedings of ACM International Joint Conference on Autonomous Agents and Multi Agent Systems (AAMAS), Saint Paul, USA, May 6-10, 2013.</p> <p>N. Basilico, N. Gatti. Automated Abstractions for Patrolling Security Games. In Proceedings of AAAI Conference on Artificial Intelligence (AAAI), San Francisco, California, August 7-11, 2011.</p>

<p>Award</p>	<p>N. Basilio, N. Gatti, F. Villa. Asynchronous Multi-Robot Patrolling against Intrusion in Arbitrary Topologies. In Proceedings of AAAI Conference on Artificial Intelligence (AAAI), Atlanta, USA, 11-15 July, 2010.</p> <p>N. Gatti, M. Monga, S. Sicari. A Localization Game in Wireless Sensor Networks. In Proceedings of International Conference on Decision Theory and Game Theory for Security (GameSec), Berlin, Germany, November 22-23, 2010.</p> <p>N. Basilio, N. Gatti, T. Rossi, S. Ceppi, and F. Amigoni. Extending Algorithms for Mobile Robot Patrolling in the Presence of Adversaries to More Realistic Settings. In Proceedings of the IEEE/- WIC/ACM International Conference on Intelligent Agent Technology (IAT), Milan, Italy, 15-18 September 2009.</p> <p>N. Basilio, N. Gatti, and F. Amigoni. Leader-Follower Strategies for Robotic Patrolling in Environments with Arbitrary Topologies. In Proceedings of the ACM International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Budapest, Hungary, 10-15 May 2009.</p>
<p>2011</p>	<p>Best Italian young researcher on Artificial Intelligence</p>
<p>2010</p>	<p>Best paper award a ICUMT</p>
<p>2009</p>	<p>Best student paper award a IEEE/WIC/ACM IAT</p>
<p>2004</p>	<p>Outstanding paper award a STAIRS</p>