

Born on 12th May 1977, Talence (France), married

✉ picard@emse.fr

@ <http://www.emse.fr/~picard>

École Nationale Supérieure des Mines de Saint-Etienne

158, cours Fauriel – 42023 SAINT-ETIENNE cedex 2, France

Education

2004	Doctorate in Computer Science ▷ Multiagent-oriented methodology	(IRIT, Toulouse III, France)
2001	DEA in Artificial Intelligence (equivalent to MSc) ▷ with honours (Ranking: 2 nd), obtain PhD thesis funding on merit ▷ Master thesis on collective robotics	(IRIT, Toulouse III, France)
2000	Maîtrise et Licence in Computer Science (equivalent to BSc) ▷ with honours (first 5%), obtain Master thesis funding on merit	(Toulouse III, France)
1998	DEUG in Mathematics and Computer Science (2-year university degree)	(Pau, France)
1995	Baccalauréat in Mathematics & Physics (secondary school diploma)	(Clermont-Fd, France)

Work Experience & Positions

from 2007	Associate Professor (<i>Maître-Assistant des Ecoles des Mines</i>) at ISCOD Team/LIST Lab, Henri Fayol Institute of the École Nationale Supérieure des Mines de Saint-Etienne (ENSM.SE), France ▷ <i>Educational topics</i> : Object-oriented programming with Java, Object-oriented Analysis and Design with UML, Artificial Intelligence ▷ <i>Research topics</i> : Multi-agent systems, self-organization, constraint satisfaction and optimization, robotics ▷ <i>Research projects</i> : ANR ID4CS, CMIRA-RRA MAOP, ISLE-RRA WI
2006-2007	Research and european relations engineer at IRIT (Institute of Research in Computer Science of Toulouse), France ▷ <i>Responsabilities</i> : european projects arrangement & management, european relations ▷ <i>Research topics</i> : Multi-agent systems, self-organization, constraint satisfaction and optimization, robotics
2004-2006	Attaché temporaire d'enseignement et recherche (equivalent to assistant lecturer) at the University Paul Sabatier of Toulouse, France ▷ <i>Educational topics</i> : Multi-agent systems, parallelism (C, JAVA), operating systems (UNIX, Linux and Windows), software engineering (Rational Rose, Eclipse), imperative and functional programming (CAML), artificial intelligence (CAML) ▷ <i>Research topics</i> : Multi-agent systems, self-organization, constraint satisfaction and optimization, robotics ▷ Partnership with ONERA (G. Verfaillie) – co-supervision of MS Student on frequency assignment ▷ <i>Research projects</i> : RNTL ADELFE
2001-2004	Moniteur et Allocataire de Recherche (PhD student national funding due to merit) at the University Paul Sabatier of Toulouse, France ▷ <i>Educational topics</i> : same as above ▷ <i>Research topics</i> : Multi-agent systems, self-organization, agent-oriented software engineering ▷ <i>Developments and modelling</i> : distributed time tabling solver (french national project ADELFE), collective robotics simulation platform, ADELFE platform, OpenTool enhancement to agent-oriented design ▷ <i>Modelling</i> of an aeronautical mechanical design tool (european project SYNAMEC) ▷ UML enhancement to multiagent-oriented design ▷ <i>Partnership</i> with TNI-Valiosys

Special Skills

Methods	Parallel, functional and object programming, RUP, SADT, Merise, Design patterns, eXtreme Programming
Languages	ADA, Assembler, C, C++, (O)CAML, Java, J2EE, Lisp, Prolog, Python, Ruby, Scheme, Turbo Pascal, XML, T _E X, L ^A T _E X
Frameworks	J2EE (Spring, Hibernate), Django, Ruby on Rails
Modelling	UML, XML, MySQL
Soft	Eclipse, Forte, Microsoft Office, Open Office, OpenTool, Poseidon, Rational Rose
Trainings	Scientific English, Writing an scientific article in English, Communication theories, Academic institutions knowledge, Public talks, First aid
Languages	French (mother tongue), English (excellent)
Other	Driver license since 1997

Professional Activities & Involvement

Supervision	3 PhD Students, 6 Master Students
Chair	ESAW Steering Committee, MAS Session chair at IICAI'07, MDO session at ROADEF'11, Program chair at ESAW'08, ESAW'09, Demo Chair at WI-IAT'11
PC member	ESAW'04, EUMAS'04, EUMAS'05, IICAI'07, RJCIA'07, SARC'08, BADS'09, SARC'09, IICAI'09, IAMA'09, SASO'09 (posters), AAMAS'10, BADS'10, AOSE'10, SASO'10, WIVE'10, AOSE'11, BADS'11, IDETC'11, IICAI'11, SASO'11
Reviewer	FGCS Journal, IJAOSE Journal, TAAS Journal, RIA Journal, SIMPAT Journal, WIAS Journal, COIN@AAMAS'08, AAMAS'05, AAMAS'08, COIN@AAMAS'08, AOMP'08, APSLA'08, SBIA'08, RFIA'08, AOSE'09, ISA'09, ICRA'10, WI-IAT'11
Organization	ESAW'04, JFSMA'07, ESAW'08, ESAW'09, WI'09 Summer School, EASSS'10, MALLOW'10, WI-IAT'11

Main Publications

Journal	G. Picard and P. Glize. Model and Analysis of Local Decision Based on Cooperative Self-Organization for Problem Solving. <i>Multiagent and Grid Systems – An International Journal (MAGS)</i> , 2(3):253-265, IOS Press, 2006.
Chapters	P. Glize and G. Picard. Self-organisation in constraint problem solving. In G. Serugendo, M.-P. Gleizes, and A. Karageorgos, editors, <i>Self-organizing Software: From Natural to Artificial Adaptation, Natural Computing Series, chapter 14, pages 331-360</i> . Springer, 2011. G. Picard and M.-P. Gleizes. <i>The ADELFE Methodology – Designing Adaptive Cooperative Multi-Agent Systems</i> , chapter 8, pages 157–176. Kluwer Publishing, 2004.
Conferences	C. Persson, G. Picard, and F. Ramparany. A multi-agent organization for the governance of machine-to-machine systems. In <i>IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'11)</i> , pages 421-424. IEEE Computer Society, 2011. D. Villanueva, R. Le Riche, G. Picard, R.T. Haftka, and B.V. Sankar. Decomposition of system level reliability-based design optimization to reduce the number of simulations. In <i>ASME 2011 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Washington, DC, USA</i> , 2011. M. Morge and G. Picard. Privacy-preserving strategy for negotiating stable, equitable and optimal matchings. In <i>Proc. of the 9th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 11)</i> , pages 97-102. Springer, 2011.

Activities & Interests

Sports	Mountain biking, running, swimming
Literature	Fantasy & Sci-Fi
Hobbies	Table and Live Action Roleplaying games, Video games (strategy)
Music	Degree in Upright bass, Electric bass, and Jazz Harmony