

Né le 12 mai 1977, Talence (France), marié, un enfant

✉ gauthier.picard@onera.fr@ <http://gauthier-picard.info/>

ONERA DTIS-SYD

2 Avenue Edouard Belin, 31055 Toulouse, France

WORK EXPERIENCE & POSITIONS

<i>from 2020</i>	Senior Research Scientist at Intelligent Systems and Decision Unit (SYD), Information processing and systems Department (DTIS) of ONERA (Office national d'études et de recherches aérospatiales), Toulouse, France
<i>from 2018</i>	Full Professor (in long-term leave) at Computer Science and Intelligent Systems Department, Henri Fayol Institute of the École Nationale Supérieure des Mines de Saint-Etienne (ENSM.SE), France
<i>2018-2020</i>	Visiting Researcher at IRIT (Institute of Research in Computer Science of Toulouse), France
<i>2015-2020</i>	Researcher in the Multi-Agent and Services project, of the Connected Intelligence team, Laboratoire Hubert Curien UMR CNRS 5516, France
<i>2007-2018</i>	Associate Professor (<i>Maître-Assistant des Ecoles des Mines</i>) at Computer Science and Intelligent Systems Department, Henri Fayol Institute of the École Nationale Supérieure des Mines de Saint-Etienne (ENSM.SE), France
<i>2006-2007</i>	Research and european relations engineer at IRIT (Institute of Research in Computer Science of Toulouse), France
<i>2004-2006</i>	Attaché temporaire d'enseignement et recherche (equivalent to assistant lecturer) at the University Paul Sabatier of Toulouse, France
<i>2001-2004</i>	Moniteur et Allocataire de Recherche (PhD student national funding due to merit) at the University Paul Sabatier of Toulouse, France

EDUCATION

<i>2014</i>	Habilitation à diriger les recherches (HDR) in Computer Science (UJM, France) — Adaptive multiagent systems: engineering and problem solving
<i>2004</i>	PhD in Computer Science (IRIT, Toulouse III, France) — Multiagent-oriented methodology
<i>2001</i>	DEA in Artificial Intelligence (equivalent to MSc) (IRIT, Toulouse III, France) — with honours (Ranking: 2 nd), obtain PhD thesis funding on merit — Master thesis on collective robotics
<i>2000</i>	Maîtrise et Licence in Computer Science (equivalent to BSc) (Toulouse III, France) — with honours (first 5%), obtain Master thesis funding on merit
<i>1998</i>	DEUG in Mathematics and Computer Science (2-year university degree) (Pau, France)
<i>1995</i>	Baccalauréat in Maths & Physics (secondary school diploma) (Clermont-Fd, France)

SPECIAL SKILLS

<i>Methods</i>	Parallel, functional and object programming, RUP, SADT, Merise, Design patterns, XP
<i>Languages</i>	ADA, Assembler, C, C++, (O)CAML, Java, J2EE, Lisp, Prolog, Python, Ruby, Scheme, Turbo Pascal, XML, T _E X, L ^A T _E X
<i>Frameworks</i>	J2EE (Spring, Hibernate), Django, Ruby on Rails
<i>Modelling</i>	UML, XML, MySQL
<i>Soft</i>	Eclipse, Forte, Microsoft Office, Open Office, OpenTool, Poseidon, Rational Rose
<i>Languages</i>	French (mother tongue), English (excellent)
<i>Other</i>	Driver license since 1997

PROFESSIONAL ACTIVITIES & SERVICES

Publications	http://gauthier-picard.info/#publications
Supervision	7 supervised and defended PhDs 7 supervised and defended Master students
Chair	Program Chair (OptLearnMAS'21, JFSMA'18, SASO'16, AIPower'16, ESAW'09, ESAW'08), Tutorial Chair (PFIA'19), Workshop Chair (SASO'15), Doctoral Consortium Chair (SASO'14), Steering Committee (ESAW), Session Chair (IICAI'07, ROADEF'11), Demo Chair (WI-IAT'11), Organisation Chair (SASO'12)
PC member	DARS'22, OptLearnMAS'22, ACSOS'22, EPIA'22, PAAMS'22, EXTRAAMAS'22, IJCAI-ECAI'22, The WebConf'22, AAMAS'22, AAAI'22, ACSOS'21, PAAMS'21, EXTRAAMAS'21, OptLearnMAS'21, AAMAS'21, IJCAI'21, AAAI'21, The WebConf'20, AAMAS'20, AAAI'20, ECAI'20, ICSOS'20, IJCAI'20, EPIA'19, PAAMS'19, EXTRAAMAS'19, CP'19, SASO'19, OPTMAS'19, JFSMA'19, AAMAS'19, AAAI'19, ICAART'19, IJCAI'19, AAMAS'18, AAAI'18, ICAART'18, WWW'18 Demo Track, SmartIoT@AAAI'18, AISGSB@AAAI'18, IJCAI-ECAI'18, ICCS'18, CP'18, OPTMAS'18, IJCAI'17, OPTMAS'17, SASO'17, JFSMA'17, PRIMA'17, SASO'ST'17, MAS&'16, IBERAMIA'16, OPTMAS'16, AAMAS'15, ISMIS'15, JFSMA'15, MAS&S'15, SASO'15, AHPC'14, AMSTA'14, AAMAS'14, MAS&S'14, ICRA'13, IJCAI'13, JFSMA'13, JFSMA'12, SASO'12, AOSE'12, MAS&S'12, PAAMS'12, AOSE'11, BADS'11, IDETC'11, IICAI'11, SASO'11, AAMAS'10, BADS'10, AOSE'10, SASO'10, WIVE'10, BADS'09, SARC'09, IICAI'09, IAMA'09, SASO'09 (posters), SARC'08, IICAI'07, RJCIA'07, EUMAS'05, ESAW'04, EUMAS'04
Reviewer	Journal of Artificial Intelligence Research (JAIR), Annals of Mathematics and Artificial Intelligence (AMAI), Computational Intelligence (COIN), Autonomous Agents and Multi-Agent Systems Journal (JAAMAS), Journal of Control, Future Generation Computer Systems Journal (FGCS), International Journal of Agent-Oriented Software Engineering (IJAOSE), ACM Transactions on Autonomous and Adaptive Systems (TAAS), Revue d'Intelligence Artificielle (RIA), Simulation Modelling Practice and Theory Journal (SIMPAT), Web Intelligence An International Journal (WIC), International Journal of Production Research (IJPR), 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, AAAI'12
Organization	JFSMA'15, SASO'12, WI-IAT'11, EASSS'10, MALLOW'10, WI'09 Web Intelligence Summer School, ESAW'09, ESAW'08, JFSMA'07, ESAW'04

MAIN PUBLICATIONS

- PICARD, Gauthier (2022a). “Auction-based and Distributed Optimization Approaches for Scheduling Observations in Satellite Constellations with Exclusive Orbit Portions”. In: *International Conference on Autonomous Agents and Multiagent Systems (AAMAS-22)*. IFAAMAS, pp. 1056–1064. DOI: <https://dl.acm.org/doi/10.5555/3535850.3535968>. [AR=26%] [Core A* – Pre-proceedings – 1 review phase]
- (2022b). “Trajectory Coordination based on Distributed Constraint Optimization Techniques in Unmanned Air Traffic Management”. In: *International Conference on Autonomous Agents and Multiagent Systems (AAMAS-22)*. IFAAMAS, pp. 1065–1073. DOI: <https://dl.acm.org/doi/10.5555/3535850.3535969>. [AR=26%] [Core A* – Pre-proceedings – 1 review phase]
- RUST, Pierre, PICARD, Gauthier, and RAMPARANY, Fano (2022). “Resilient Distributed Constraint Reasoning to Autonomously Configure and Adapt IoT Environments”. In: *ACM Transactions on Internet Technology* 22.4, pp. 1–31. DOI: <http://dx.doi.org/10.1145/3507907>. [Q1, IF=4.67]
- CERQUIDES, Jesús, RODRÍGUEZ-AGUILAR, Juan Antonio, EMONET, Rémi, and PICARD, Gauthier (2021). “Solving highly cyclic distributed optimization problems without busting the bank: a decimation-based approach”. In: *Logic Journal of the IGPL* 29.1, pp. 72–95. ISSN: 1367-0751. DOI: [10.1093/jigpal/jzaa069](https://doi.org/10.1093/jigpal/jzaa069). URL: <https://doi.org/10.1093/jigpal/jzaa069>. [Q1, IF=1.26]