

Main research interest : modal logic for artificial intelligence

Appointments

2011 - ?	Associate professor (maître de conférences) in computer science - <i>École Normale Supérieure de Rennes- IRISA, France</i>
spring 2015	Visitor member of CELLO at LORIA, Nancy, France
spring 2011	Visitor member at University of Luxembourg
2010 - 2011	ATER (attaché temporaire d'enseignement et de recherche) (non permanent researcher position) - <i>University of Toulouse 3 - IRIT</i>

Education

2007 - 2010	PhD in Artificial Intelligence - <i>University of Toulouse 3 - IRIT</i>
2006 - 2007	Master 2 in artificial intelligence - <i>University of Toulouse 3 -</i>
2005 - 2006	Competitive examination for being a teacher "Agrégation" in mathematics (option computer science) - <i>École Normale Supérieure de Cachan- University of Rennes 1- 34th</i>

Languages

English	Fluent speaker (score TOEIC : 830)
French	Native speaker
Alsatian	Native speaker but forgotten
	Very few notions of Arabic, Italian, Russian, German, etc.

Projects

- project with *Cour de cassation* (design of a software for helping judges to write judgments) ;
- Associated team DISTOL (DISTRIBUTED and STOchastic systems, Logic)

Publications

<http://people.irisa.fr/Francois.Schwarzentruber/publications.html>

Activities

Organization

- TTL2015 (4th International Conference on Tools for Teaching Logic) <http://ttl2015.irisa.fr/>
- LOFT 2010 (9th Conference on Logic and the Foundations of Game and Decision Theory)

Program Commitee

- PRIMA 2015 (Principles and Practice of Multi-Agent Systems) ;
- AAMAS 2015 (International Conference on Autonomous agents and multiagent systems) ;
- DARE-15 (International Workshop on Defeasible and Ampliative Reasoning) ;
- DARE-14 (International Workshop on Defeasible and Ampliative Reasoning) ;
- CLIMA2014 (International Workshop on Computational Logic in Multi-Agent Systems) ;

- IDAS@ESSLLI2014 (Information Dynamics in Artificial Societies Workshop) ;
- IJCAI2011 (International Joint Conferences on Artificial Intelligence).

Reviewer

- Journals : Synthese, JANCL, Studia Logica, The Review of Symbolic Logic, Journal of Applied Non-Classical Logics.
- AAMAS (International conference on autonomous agents and multi-agent systems) 2009, 2013, 2014 ;
- AIMSA 2014 (International Conference on Artificial Intelligence : Methodology, Systems, Applications) ;
- MSR 2013 (Modélisation des Systèmes Réactifs) ;
- TARK (Theoretical Aspects of Rationality and Knowledge) 2011, 2013 ;
- AiML (Advances in Modal Logic) 2008, 2010 ;
- M4M 2010 (Method for Modalities) ;
- Journal of Applied Non-Classical Logics ;
- ICAART 2010 (International Conference on Agents and Artificial Intelligence) ;
- COMSOC 2008 (International Workshop on Computational Social Choice).

Administration

- Member of the Scientific Council of École Normale Supérieure de Rennes

Student supervision

- Tristan Charrier, PhD, 2015-2017. Epistemic planning in a multi-robot system.
- Tristan Charrier, MSc thesis, 2014. Communications with cameras in epistemic modal logic.
- Gaspard Douady. MSc thesis, 2013. An automaton approach to Kripke semantics (co-supervised with Sophie Pinchinat).

Teaching

More than 600 hours in Bachelor's degree, Master 1 and agrégation (courses at master's degree in computer science for preparation at a competitive exam to become a teacher)

Educational projects

- Development of a SAT solver graphical interface, called SAToulouse (now SATRennesPA) for a Bachelor's degree course I taught in Toulouse ;
- Development of a proof assistant for natural deduction, called Panda, for a Bachelor's degree course I taught in Toulouse ;
- Development of a model checker and its graphical interface for a graphical epistemic logic I have created.

Hobbies

Piano	Some concerts in a nursing home Solist with orchestras (concerto n. 3, 4 from L. van Beethoven ; Rhapsody in blue from G. Gerschwin)
Flute	In orchestras
Computer science	Development of a free music score editor Development of a tutorial to learn programming Development of video games
Teaching	Homework helping in AFEV (Association de la fondation étudiante pour la ville)