

Pascal URSO

Université Henri Poincaré
Nancy, France

LORIA – Equipe SCORE
Campus Scientifique – BP 239
54506 Vandoeuvre-lès-Nancy Cedex

Tel. : +33 354 95 8629
Mail : pascal.urso@loria.fr
<http://www.loria.fr/~urso>

Keywords

Distributed Systems, Replication and Consistency, Optimistic Replication, Collaborative Editing, Operational Transformation, Computer Supported Cooperative Work, Large Scale Distributed Systems, Automated Theorem Proving, Proof by Induction, Situation Calculus

Experience

2004–today	Assistant Professor (Maître de Conférences) in computer science, Université Henri Poincaré, LORIA (Nancy, France)
2003–2004	Post-doc , Facultés Universitaires Notre-Dame de la Paix FUNDP (Namur, Belgium)
2001–2003	Lecturer (ATER) , Université de Nice Sophia Antipolis, (Nice, France)
1998–2001	PhD student , Université de Nice Sophia Antipolis, (Nice, France)

Projects

2009–2011	<i>Innovating Web Call – XWiki 3.0</i> (national project) about real-time collaborative editing
2006–2011	<i>IP – Qualipso</i> (european project) about trust and quality in free-software
2007–2008	<i>CPER – PSW</i> (regional project) about automated proof for web services
2005–2007	<i>ARC INRIA – Recall</i> (national project) about P2P collaborative editing
2003–2007	<i>NoE – Interop</i> (european project) about enterprise interoperability

Software

<i>Wooki</i>	P2P wiki – 2007, GPL. http://wooki.sourceforge.net/
<i>Graveyard</i>	distributed collaborative editor – 2007, GPL. http://potiron.loria.fr/projects/graveyard/
<i>Vote</i>	automated proof framework for operational transformation – 2003. http://potiron.loria.fr/projects/vote/
<i>Nice</i>	automated theorem prover – 2001. http://potiron.loria.fr/projects/nice/

Publications

Available online.

- S. Weiss, P. Urso, and P. Molli. *Logoot-Undo: Distributed Collaborative Editing System on P2P Networks*. IEEE TPDS journal 2010.
- S. Weiss, P. Urso, and P. Molli. *Logoot: A Scalable Optimistic Replication Algorithm for Collaborative Editing on P2P Networks*. IEEE ICDCS 2009.

- C. Rahhal, S. Weiss, H. Skaf Molli, P. Urso, and P. Molli. *Undo in Peer-to-peer Semantic Wikis*. SemWiki' 2009.
- N. Boudjlida, J.P. Jacquot, and P. Urso. *Software Engineering Education by Example*. CEISIE 2009.
- R. Mondéjar, G. Pedro, C. Pairot, P. Urso, and P. Molli. *Designing a distributed AOP runtime composition model*. ACM SAC 2009.
- S. Weiss, P. Urso, and P. Molli. *An undo framework for p2p collaborative editing*. CollaborateCom 2008.
- S. Weiss, P. Urso, and P. Molli. *Compensation in collaborative editing*. IWCES 2007.
- S. Weiss, P. Urso, and P. Molli. *Wooki: a p2p wiki-based collaborative writing tool*. WISE 2007.
- G. Oster, P. Urso, P. Molli, and A. Imine. *Data consistency for p2p collaborative editing*. ACM CSCW 2006.
- G. Oster, P. Urso, P. Molli, and A. Imine. *Tombstone transformation functions for ensuring consistency in collaborative editing systems*. CollaborateCom 2006.
- P. Urso and E. Kounalis. *Sound generalizations in mathematical induction*. TCS journal 2004.
- A. Imine and P. Urso. *Automatic Detection of Copies Divergence in Collaborative Editing Systems*. FMICS'03.
- P. Urso and E. Kounalis. *"Term Partition" for Mathematical Induction*. RTA 2003.
- A. Imine, P. Molli, G. Oster, and P. Urso. *VOTE: Group Editors Analyzing Tool*. FTP'03.
- P. Urso and E. Kounalis. *Inductive Languages and Generalizations*. AFL 2002.
- E. Kounalis and P. Urso. *Generalization discovery for proofs by induction in conditional theories*. AAAI FLAIRS 1999.
- E. Kounalis and P. Urso. *Mechanizing proofs of integrity constraints in the situation calculus*. IEA/AIE 1999.