

Silvia Likavec

List of publications

November 20, 2011

International journals

- J5. S. Likavec and P. Lescanne. On semantics of a term calculus for classical logic. *Publications de l'Institut Mathématique*, 2011. Accepted for publication
- J4. J. E. Santo, J. Ivetić, and S. Likavec. Characterising strongly normalising intuitionistic terms. *Fundamenta Informaticae, Special issue on Intersection Types and Related Systems*, 2011. Accepted for publication
- J3. L. Bettini, V. Bono, and S. Likavec. Safe and Flexible Objects with Subtyping. *Journal of Object Technology - JOT*, 4(10):5–29, 2005. Special Issue on “The 20th ACM SAC - March 2005”
- J2. M. Dezani-Ciancaglini, S. Ghilezan, and S. Likavec. Behavioural Inverse Limit Models. *Theoretical Computer Science*, 316(1–3):49–74, 2004
- J1. S. Ghilezan and S. Likavec. Reducibility: A Ubiquitous Method in Lambda Calculus with Intersection Types. In S. van Bakel, editor, *2nd Workshop on Intersection Types and Related Systems, ITRS '02*, volume 70 of *Electronic Notes in Theoretical Computer Science*. Elsevier, 2003

In collection

- I1. S. Ghilezan and S. Likavec. Computational interpretations of logics. In *Collection of Papers, Special issue “Logic in Computer Science” (invited paper)*, volume 12(20), pages 159–215. Mathematical Institute of Serbian Academy of Sciences and Arts (SANU), Belgrade, Serbia, 2009

Lecture Notes in Computer Science

- L9. F. Cena, S. Likavec, and F. Osborne. Propagating user interests in ontology-based user model. In *12th International Conference on Advances in Artificial Intelligence, AI*IA '11*, volume 6934 of *LNCS*, pages 299–311. Springer-Verlag, 2011
- L8. F. Cena, S. Likavec, I. Lombardi, and C. Picardi. Synthesis of collective tag-based opinions in the social web. In *12th International Conference on Advances in Artificial Intelligence, AI*IA '11*, volume 6935 of *LNCS*, pages 286–298. Springer-Verlag, 2011
- L7. S. Ghilezan, J. Ivetić, P. Lescanne, and S. Likavec. Intersection types for the resource control lambda calculi. In *8th International Colloquium on Theoretical Aspects of Computing, ICTAC '11*, volume 6916 of *LNCS*, pages 116–134. Springer-Verlag, 2011

- L6. P. Grillo, S. Likavec, and I. Lombardi. Using mobile phone cameras to interact with ontological data. In *1st International Workshop on Mobile Computing Platforms and Technologies, MCPT'11, EUROCAST 2011*, volume 6928 of LNCS, pages 569–577. Springer-Verlag, 2011
- L5. E. Chiabrando, R. Furnari, P. Grillo, S. Likavec, and I. Lombardi. Dynamic interface reconfiguration based on different ontological relations. In *14th International Conference on Human-Computer Interaction, HCI'11*, volume 6771 of LNCS, pages 538–547. Springer-Verlag, 2011
- L4. S. Likavec, I. Lombardi, A. Nantiat, C. Picardi, and D. T. Dupré. Threading facts into a collective narrative world. In *3rd International Conference on Interactive Digital Storytelling, ICIDS'10*, volume 6432 of LNCS, pages 86–97. Springer-Verlag, 2010
- L3. D. Dougherty, S. Ghilezan, P. Lescanne, and S. Likavec. Strong Normalization of the Dual Classical Sequent Calculus. In *12th International Conference on Logic for Programming Artificial Intelligence and Reasoning, LPAR'05*, volume 3835 of LNCS, pages 169–183. Springer-Verlag, 2005
- L2. L. Bettini, V. Bono, and S. Likavec. Safe object composition in the presence of subtyping. In *9th Italian Conference on Theoretical Computer Science, ICTCS'05*, volume 3701 of LNCS, pages 128–142. Springer-Verlag, 2005
- L1. L. Bettini, V. Bono, and S. Likavec. A core calculus of higher-order mixins and classes. In *International Workshop TYPES'03 (Selected Papers)*, volume 3085 of LNCS, pages 83–98. Springer-Verlag, 2004

International conferences and workshops (peer-reviewed)

- C9. E. Chiabrando, S. Likavec, I. Lombardi, C. Picardi, and D. T. Dupré. Semantic similarity in heterogeneous ontologies. In P. D. Bra and K. Grønbaek, editors, *22nd ACM Conference on Hypertext and Hypermedia, HT'11*, pages 153–160. ACM, 2011
- C8. J. E. Santo, J. Ivetić, and S. Likavec. Intersection type assignment systems for intuitionistic sequent calculus. In *4th Workshop on Intersection Types and Related Systems, ITRS'08*, 2008
- C7. S. Likavec and P. Lescanne. On untyped Curien-Herbelin calculus. In *1st workshop on Classical Logic and Computation, CLaC'06*, 2006
- C6. L. Bettini, V. Bono, and S. Likavec. Safe and Flexible Objects. In *20th Annual ACM Symposium on Applied Computing, SAC'05*, pages 1258–1263. ACM Press, 2005. In OOPS track
- C5. L. Bettini, V. Bono, and S. Likavec. A core calculus of mixins and incomplete objects [Poster Abstract]. In *The OOPSLA Companion*, pages 208–209. ACM Press, 2004
- C4. L. Bettini, V. Bono, and S. Likavec. A Core Calculus of Higher-Order Mixins and Classes [Poster Abstract]. In *19th Annual ACM Symposium on Applied Computing, SAC'04*, pages 1508–1509. ACM Press, 2004. In PL track
- C3. L. Bettini, V. Bono, and S. Likavec. A core calculus of mixin-based incomplete objects. In *11th International Workshop on Foundations of Object-Oriented Languages, FOOL 11*, 2004
- C2. S. Ghilezan and S. Likavec. Extensions of the reducibility method. In *4th Panhellenic Logic Symposium, PLS4*, pages 107–112, 2004

- C1. S. Ghilezan, V. Kunčak, and S. Likavec. Reducibility method for termination properties of typed lambda terms. In *5th International Workshop on Termination, WST'01*, pages 14–16, 2001

Theses

- T2. S. Likavec. *Types for object-oriented and functional programming languages*. PhD thesis, Università di Torino, Italy, ENS Lyon, France, 2005
- T1. S. Likavec. Reducibility method for lambda calculus with intersection types. Master's thesis, Faculty of Engineering, University of Novi Sad, Serbia, 2005

Technical reports

- TR1. P. Lescanne and S. Likavec. Understanding untyped $\lambda\mu\tilde{\mu}$ calculus. Technical report, ENS Lyon, France, 2004

Books

- B2. T. Grbic, S. Likavec, T. Lukic, J. Pantovic, N. Sladoje, Lj. Teofanov: *Zbirka rešenih zadataka iz Matematike I*. (Collezione dei problemi in Matematica I) (in serbo), p. 1–288, 2009.
- B1. S. Likavec, D. Žunić, B. Carić: *Poslovna matematika* (Matematica per i studenti di management) (in serbo), p. 1–188, 2008.