

Publications of Johan Fabry by year

Year 2009

1. Éric Tanter, Johan Fabry, Rémi Douence, Jacques Noyé, Mario Südholt. Expressive Scoping of Distributed Aspects. In *Proc. 8th International Conference on Aspect-Oriented Software Development (AOSD)*, pp. 27-38, Mar 2009. Charlottesville, Virginia, USA. ACM Press, New York, NY, USA. ISBN 978-1-60558-442.
2. Thomas Cleenewerck, Johan Fabry, Anne-Françoise Le Meur, Jacques Noyé, Éric Tanter, ed. *Proceedings of the 4th Workshop on Domain-Specific Aspect Languages (DSAL)*, Mar 2009. Charlottesville, Virginia, USA. ACM Press, New York, NY, USA. ISBN 978-1-60558-455-3.
3. Éric Tanter, Johan Fabry. Supporting Composition of Structural Aspects in an AOP Kernel. *Journal of Universal Computer Science (JUCS)* 15(3):620-647, Feb 2009. Graz University of Technology, Graz, Austria. ISSN 0948-695X.
4. Johan Fabry, Éric Tanter, Theo D'Hondt. Infrastructure for Domain-Specific Aspect Languages: The ReLAX Case Study. *IET Software* 3(3):238-254, Jun 2009. The Institution of Engineering and Technology, Stevenage, UK. ISSN 1751-8806.
5. Frans Saenen, Katharina Mehner, Ruzanna Chitchyan, Lodewijk Bergmans, Johan Fabry, Mario Sudholt, ed. *Proceedings of the 3rd Aspects, Dependencies and Interactions (ADI)*, Jul 2008. Paphos, Cyprus. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-02046-9. Lecture Notes in Computer Science vol. 5475.
6. Frans Saenen, Katharina Mehner, Ruzanna Chitchyan, Lodewijk Bergmans, Johan Fabry, Mario Sudholt. Aspects, Dependencies and Interactions. Report on the 3rd Workshop ADI at ECOOP 2008. In Frans Saenen, Katharina Mehner, Ruzanna Chitchyan, Lodewijk Bergmans, Johan Fabry, Mario Sudholt (ed.), *Object-Oriented Technology. ECOOP 2008 Workshop Reader*, pp. 51-62, 2009. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-02046-9.
7. Alexandre Bergel, Johan Fabry, ed. *Proceedings of the 8th International Symposium on Software Composition (SC)*, Jul 2009. Zurich, Switzerland. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-02654-6. Lecture Notes in Computer Science vol. 5634.
8. Ruzanna Chichyan, Johan Fabry, Shmuel Katz, Arend Rensink, ed. Transactions on Aspect-Oriented Software Development V. *Lecture Notes in Computer Science (LNCS)* 5490:133-264, Jun 2009. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 0302-9743.

Year 2010

1. Arturo Zambrano, Johan Fabry, Guillermo Jacobson, Silvia Gordillo. Expressing Aspectual Interactions in Requirements Engineering: Experiences in the Slot Machine Domain. In

Proc. ACM Symposium on Applied Computing (SAC), pp. 2161-2168, Mar 2010. Sierre, Switzerland. ACM Press, New York, NY, USA. ISBN 978-1-60558-639-7.

2. Arturo Zambrano, Julian Rousselot, Johan Fabry, Silvia Gordillo. Supporting Aspect Oriented Requirements Engineering for Large Documents. In *Proc. 11th Argentinean Symposium on Software Engineering (ASSE)*, pp. 568-577, Aug 2010. Caba, Argentina. Sociedad Argentina de Investigación Operativa, Buenos Aires, Argentina. ISBN 1850-2792.
3. Éric Tanter, Johan Fabry, Remi Douence, Jacques Noye, Mario Sudholt. Scoping Strategies for Distributed Aspects. *Science of Computer Programming (SCICO)* 75(12):1235-1261, Dec 2010. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423. <http://dx.doi.org/10.1016/j.scico.2010.>
4. Arturo Zambrano, Johan Fabry, Silvia Gordillo. A Fine Grained Aspect Coordination Mechanism. *International Journal of Software Engineering and Knowledge Engineering (IJSEKE)* 20(7):1025-1042, Nov 2010. World Scientific Publishing Co.. ISSN 0218-1940.

Year 2011

1. Arturo Zambrano, Julian Rousselot, Johan Fabry, Silvia Gordillo. Supporting Aspect Oriented Requirements Engineering for Large Documents. *SADIO Electronic Journal of Informatics and Operations Research* 10(1):38, 2011. Sociedad Argentina de Investigación Operativa, Buenos Aires, Argentina. ISSN 1514-6774.
2. Johan Fabry, Andy Kellens, Stephane Ducasse. AspectMaps: A Scalable Visualization of Join Point Shadows. In *Proc. 19th IEEE International Conference on Program Comprehension (ICPC)*, pp. 121-130, Jun 2011. Kingston, Canada. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-0-7695-4398-7.
3. Johan Fabry, Arturo Zambrano, Silvia Gordillo. Expressing Aspectual Interactions in Design: Experiences in the Slot Machine Domain. In Jon Whittle, Tony Clark, Thomas Kühne (ed.), *Proc. 14th ACM/IEEE International Conference on Model Driven Engineering Languages and Systems (MODELS)*, pp. 93-107, Oct 2011. Wellington, New Zealand. Springer-Verlag, Berlin/Heidelberg, Germany. LNCS vol. 6981. ISBN 978-3-642-24484-1.
4. Esteban Allende, Johan Fabry. Application Optimization when using Gradual Typing. In Ian Rogers, Eric Jul, Olivier Zendra (ed.), *Proc. 6 Workshop on Implementation, Compilation, Optimization of Object-Oriented Languages, Programs and Systems (ICOOOLPS)*, pp. article 3, Jul 2011. Lancaster, UK. ACM Press, New York, NY, USA. ISBN 978-1-4503-0894-6.
5. Johan Fabry, Daniel Galdames. PHANtom: A Modern Aspect Language for Pharo Smalltalk. In *Proc. 6th International Workshop on Smalltalk Technologies (IWST)*, pp. article 10, Aug 2011. Edinburgh, Scotland. ACM Press, New York, NY, USA.

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1. Johan Fabry. PHANtom: An Aspect Language for Pharo Smalltalk. In Éric Tanter, Kevin Sullivan (ed.), *Proc. 11th International Conference on Aspect-Oriented Software Development (AOSD)*, pp. 31-32, Mar 2012. Potsdam, Germany. ACM Press, New York, NY, USA.
2. Johan Fabry, Jacques Noyé, Tom Dinkelaker, ed. *Proceedings of the 7th Workshop on Domain-Specific Aspect Languages (DSAL)*, Mar 2012. Potsdam, Germany. ACM Press, New York, NY, USA. ISBN 978-1-4503-1128-1.
3. Arturo Zambrano, Johan Fabry, Silvia Gordillo. Expressing Aspectual Interactions in Requirements Engineering: Experiences, Problems and Solutions. *Science of Computer Programming (SCICO)* 78(1):65-92, Nov 2012. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423.
4. Benjamin Van Ryseghem, Stephane Ducasse, Johan Fabry. Spec: A Framework for the Specification and Reuse of UIs and their Models. In *Proc. 7th International Workshop on Smalltalk Technologies (IWST)*, pp. article 2, Aug 2012. Ghent, Belgium. ACM Press, New York, NY, USA.

Year 2013

1. Arturo Zambrano, Johan Fabry, Silvia Gordillo. Experience Report: AORE in Slot Machines. In *Aspect-Oriented Requirements Engineering*, pp. chapter 17, Sep 2013. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-38639-8.
2. Esteban Allende, Johan Fabry, Éric Tanter. Cast Insertion Strategies for Gradually-Typed Objects. In *Proc. 9th Dynamic Languages Symposium (DLS)*, pp. 27-36, Oct 2013. Indianapolis, Indiana. ACM Press, New York, NY, USA.
3. Johan Fabry, Coen De Roover, Viviane Jonckers. Aspectual Source Code Analysis with GASR. In Bram Adams, Juergen Rilling, Foutse Khomh (ed.), *Proc. 13th IEEE International Working Conference on Source Code Analysis and Manipulation (SCAM)*, pp. 53-62, Sep 2013. Eindhoven, Netherlands. IEEE Press, Piscataway, NJ, USA.
4. Johan Fabry, Alexandre Bergel. Design Decisions in AspectMaps. In Alexandru Telea, Andreas Kerren, Andrian Marcus (ed.), *Proc. 1st IEEE Working Conference on Software Visualization (VISSOFT)*, pp. 1-4, Sep 2013. Eindhoven, Netherlands. IEEE Computer Society Press, Los Alamitos, CA, USA.

Year 2014

1. Johan Fabry, Andy Kellens, Simon Denier, Stephane Ducasse. AspectMaps: Extending Moose to visualize AOP software. *Science of Computer Programming (SCICO)* 79(1):6-22, Jan 2014. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423.

2. Johan Fabry, Daniel Galdames. PHANtom: A Modern Aspect Language for Pharo Smalltalk. *Software: Practice and Experience* 44(4):393-412, Apr 2014. John Wiley & Sons, Hoboken, NJ, USA. ISSN 0038-0644.
3. Esteban Allende, Johan Fabry, Éric Tanter. Cast Insertion Strategies for Gradually-Typed Objects. *ACM SIGPLAN Notices (SIGPLAN)* 49(2):21-36, Feb 2014. ACM Press, New York, NY, USA. ISSN 0362-1340. (DLS 2013 article).
4. Johan Fabry, Romain Robbes, Marcus Denker. DIE: A Domain Specific Aspect Language for IDE Events. *Journal of Universal Computer Science (JUCS)* 20(2):135-168, Feb 2014. Graz University of Technology, Graz, Austria. ISSN 0948-695X.
5. Esteban Allende, Oscar Callau, Johan Fabry, Éric Tanter, Marcus Denker. Gradual Typing for Smalltalk. *Science of Computer Programming (SCICO)* 96(1):52-69, Dec 2014. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423.
6. Benjamin Van Ryseghem, Stephane Ducasse, Johan Fabry. Seamless Composition and Reuse of Customizable User Interfaces with Spec. *Science of Computer Programming (SCICO)* 96(1):34-51, Dec 2014. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423.
7. Esteban Allende, Johan Fabry, Ronald Garcia, Éric Tanter. Confined Gradual Typing. In *Proc. ACM International Conference on Object-Oriented Programming Systems, Languages, and Applications (OOPSLA)*, pp. 241-270, Oct 2014. Portland, OR, USA. ACM Press, New York, NY, USA.
8. Johan Fabry, Miguel Campusano. Live Robot Programming. In *Proc. 14th Ibero-American Conference on Artificial Intelligence (IBERAMIA)*, pp. 445-456, Nov 2014. Santiago, Chile. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Artificial Intelligence vol. 8864. ISBN 978-3-319-12026-3.
9. Pablo Estefo, Miguel Campusano, Luc Fabresse, Johan Fabry, Jannik Laval, Noury Bouraqadi. Towards Live Programming in ROS with PhaROS and LRP. In *Proc. 5th Workshop on Domain-Specific Languages and Models for Robotic Systems (DSLRob)*, pp. article 6, 2014. Cornell University Library - arXiv.
10. Esteban Allende, Johan Fabry, Ronald Garcia, Éric Tanter. Confined Gradual Typing. *ACM SIGPLAN Notices (SIGPLAN)* 49(10):251-270, Oct 2014. ACM Press, New York, NY, USA. ISSN 0362-1340.

Year 2015

1. Johan Fabry, Tom Dinkelaker, Jacques Noyé, Éric Tanter. A Taxonomy of Domain-Specific Aspect Languages. *ACM Computing Surveys (CSUR)* 47(3):article 40, Apr 2015. ACM Press, New York, NY, USA. ISSN 0360-0300. 44 pages.

2. Miguel Campusano, Johan Fabry. From Robots to Humans: Visualizations for Robot Sensor Data}. In *Proc. 3rd IEEE Working Conference on Software Visualization (VISSOFT)*, pp. 135-139, Sep 2015. Bremen, Germany. IEEE Computer Society Press, Los Alamitos, CA, USA.

Year 2016

1. Johan Fabry, Coen De Roover, Carlos Noguera, Steffen Zschaler, Awais Rashid, Viviane Jonckers. AspectJ code analysis and verification with GASR. *Journal of Systems and Software (JSS)* 117:528-544, Apr 2016. Elsevier Science, Amsterdam, The Netherlands. ISSN 0164-1212.
2. Johan Fabry, Arturo Zambrano, Silvia Gordillo. Expressing Aspectual Interactions in Design: Evaluating Three AOM Approaches in the Slot Machine Domain. *Software and Systems Modeling (SOSYM)* 15(3):881-905, Jul 2016. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1619-1366.

Year 2017

1. Miguel Campusano, Johan Fabry. Live Robot Programming: The Language, its Implementation, and Robot API Independence. *Science of Computer Programming (SCICO)* 133(1):1-19, Jan 2017. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-6423.