

## CURRICULUM VITAE

### Personal details

Name: Alessandra Palmigiano

Date and place of birth: 9 July 1973, Catania (Italy)

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### Doctorate

· PhD in *Lògica i Fonaments de la Matemàtica*, With Honors. LHFC (*Departament de Lògica, Història i Filosofia de la Ciència*), UB (*Universitat de Barcelona*), Spain. Completion date: 14 June 2005. Promotor: R. Jansana.

### Recent academic appointments

- From May 2015, Visiting Associate Professor, Department of Pure and Applied Mathematics, University of Johannesburg (South Africa).
- From 30 June 2013, Associate professor (*UHD*), TBM, Delft University of Technology (TUDelft).
- 1 December 2009 - 29 June 2013, Assistant professor (*UD*), ILLC, University of Amsterdam (UvA).
- 1 July 2008 - 31 October 2011, NWO-funded (*Veni*) postdoctoral appointment, ILLC, UvA.

### Grants

- NWO Vidi fellowship (800.000 euros), 2013. Title of research proposal: ‘A mosaic of them all’: logics for multi-agent interaction via duality and correspondence.
- Delft Technology Fellowship (850.000 euros), TUDelft, 2013.
- NWO Aspasia (200.000 euros), 2012.
- NWO Veni fellowship (250.000 euros), 2007. Title of research proposal: Dualities for quantales: a spatial understanding of noncommutative topologies.

### Supervision

#### *Postdocs:*

- Sabine Frittella, September 2015 – September 2016.
- Fan Yang, October 2015 – December 2017.
- Giuseppe Greco, September 2011 – September 2013, and September 2013 – November 2017.
- Umberto Rivieccio, November 2013 – August 2015.

#### *PhD students–completed:*

- Sumit Sourabh, co-supervised with N. Bezhanishvili (defense: 9 September 2015, UvA).
- Sabine Frittella, co-supervised with L. Santocanale (defense: 1 December 2014, University of Marseille).

*PhD students—ongoing:*

- Fey Liang. Expected defense: February 2018.
- Zhiguang Zhao. Expected defense: February 2018.
- Michele Piazzai, co-supervised with N.M. Wijnberg. Expected defense: February 2018.
- Apostolos Tzimoulis. Expected defense: June 2018.

*Research MSc students:*

- Zhiguang Zhao (29 August 2013), ILLC, UvA.
- Vlasta Sikimic (27 September 2013), ILLC, UvA.
- Maurice Pico de los Cobos (with M. Aloni) (31 July 2013), ILLC, UvA.
- Yves Fomatati (27 July 2012), ILLC, UvA.
- Matthew P. Wampler-Doty (with J. van Benthem) (1 September 2010), ILLC, UvA.
- Sam van Gool (30 November 2009), ILLC, UvA.
- Lisa Fulford (29 October 2009), ILLC, UvA.

*BSc students:*

- Sarah Gaaf (31 August 2010), BSc mathematics, UvA.

**Selected publications**

*International journals*

- [BGPTW17] M. Bilkova, G. Greco, A. Palmigiano, A. Tzimoulis, N.M. Wijnberg, The logic of resources and capabilities, *Review of Symbolic Logic* (2017) forthcoming. ArXiv preprint 1608.02222.
- [CPZ17] W. Conradie, A. Palmigiano, Z. Zhao, Sahlqvist via translation, *Logical Methods in Computer Science* (2017) forthcoming. ArXiv preprint 1603.08220
- [PSZ17a] A. Palmigiano, S. Sourabh, Z. Zhao, Jónsson-style canonicity for ALBA-inequalities, *Journal of Logic and Computation*, 27 (3), 817-865, 2017. doi: 10.1093/logcom/exv041
- [PSZ17b] A. Palmigiano, S. Sourabh, Z. Zhao, Sahlqvist theory for impossible worlds, *Journal of Logic and Computation*, 27 (3), 775-816, 2017. doi: 10.1093/logcom/exw014
- [FPS17] S. Frittella, A. Palmigiano, L. Santocanale, Dual Characterizations for Finite Lattices via Correspondence Theory for Monotone Modal Logic, *Journal of Logic and Computation*, 27 (3), 639-678, 2017. doi: 10.1093/logcom/exw011
- [CPS17] W. Conradie, A. Palmigiano, S. Sourabh, Algebraic modal correspondence: Sahlqvist and beyond, *Journal of Logical and Algebraic Methods in Programming*, 91, 60-84, 2017. doi: 10.1016/j.jlamp.2016.10.006
- [MGPTZ16] G. Greco, M. Ma, A. Palmigiano, A. Tzimoulis, Z. Zhao, Unified Correspondence as a Proof-Theoretic Tool, *Journal of Logic and Computation*, 2016. doi: 10.1093/logcom/exw022
- [FGKP16] S. Frittella, G. Greco, A. Kurz, A. Palmigiano, Multi-type display calculus for Propositional Dynamic Logic, *Journal of Logic and Computation*, (2016) 26 (6): 2067-2104.
- [FGKPS16b] S. Frittella, G. Greco, A. Kurz, A. Palmigiano, V. Sikimić, Multi-type Display Calculus for Dynamic Epistemic Logic, *Journal of Logic and Computation*, (2016) 26 (6): 2017-2065.
- [FGKPS16a] S. Frittella, G. Greco, A. Kurz, A. Palmigiano, V. Sikimić, A Proof-Theoretic Semantic Analysis of Dynamic Epistemic Logic, *Journal of Logic and Computation*, (2016) 26 (6): 1961-2015.
- [CFPS15] W. Conradie, Y. Fomatati, A. Palmigiano, S. Sourabh, Correspondence theory for intuitionistic modal mu-calculus, *Theoretical Computer Science*, 564 (2015), 30-62.
- [BPV14] M. Bílková, A. Palmigiano, Y. Venema, Proof Systems for Moss' Coalgebraic Logic, *Theoretical Computer Science*, 549 (2014), 36-60.
- [MPS14] M. Ma, A. Palmigiano, M. Sadrzadeh, Algebraic semantics and model completeness for Intuitionistic Public Announcement Logic, *Annals of Pure and Applied Logic*, 165 (2014) 963-995.

- [KP13] A. Kurz, A. Palmigiano, Epistemic Updates on Algebras, *Logical Methods in Computer Science* 9:4 (2013), 1-28. DOI: 10.2168/LMCS-9(4:17)2013.
- [PR13] A. Palmigiano, R. Re, Relational representation of groupoid quantales, *Order*, 30:1 (2013), 65-83.
- [GJP13] M. Gehrke, R. Jansana, A. Palmigiano,  $\Delta_1$ -completions of a poset, *Order*, 30:1 (2013), 39-64.
- [CP12] W. Conradie, A. Palmigiano, Algorithmic Correspondence and Canonicity for Distributive Modal Logic, *Annals of Pure and Applied Logic*, 163 (2012) 338-376.
- [PR11] A. Palmigiano, R. Re, Groupoid quantales: a non-étale setting, *Journal of Pure and Applied Algebra*, 215: 8 (2011), 1945-1957.
- [GJP10] M. Gehrke, R. Jansana, A. Palmigiano, Canonical extensions for congruential logics with the deduction theorem, *Annals of Pure and Applied Logic* 161: 12 (2010), 1502-1519.
- [PR10] A. Palmigiano, R. Re, Topological Groupoid Quantales, *Studia Logica* 95 (2010), 125-137.
- [DGP05] M. Dunn, M. Gehrke and A. Palmigiano, Canonical extensions of ordered algebraic structures and relational completeness of some substructural logics, *Journal of Symbolic Logic*, 70 3 (2005) 713-740.
- [Pa04] A. Palmigiano, A coalgebraic view on Positive Modal Logic, *Theoretical Computer Science*, 327 (2004) 175-195.

*Articles in refereed conference proceedings*

- [CFPPTW17] W. Conradie, S. Frittella, A. Palmigiano, M. Piazzai, A. Tzimoulis, N. Wijnberg, Toward an epistemic-logical theory of categorization, Proc. TARK 2017, J. Lang ed., ELECTRONIC PROCEEDINGS IN THEORETICAL COMPUTER SCIENCE, vol. 251, p. 170-189.
- [GP17] G. Greco, A. Palmigiano, Lattice logic properly displayed, Proc. WoLLIC 2017, J. Kennedy, R. de Queiroz eds, pp. 153-169, 2017.
- [GLMP17] G. Greco, F. Liang, A. Moshier, A. Palmigiano, Multi-type display calculus for Semi De Morgan Logic, Proc. WoLLIC 2017, J. Kennedy, R. de Queiroz eds, pp. 199-215, 2017.
- [CCPZ17] W. Conradie, A. Craig, A. Palmigiano, Z. Zhao, Constructive canonicity for lattice-based fixed point logics, Proc. WoLLIC 2017, J. Kennedy, R. de Queiroz eds, pp. 92-109, 2017. ArXiv preprint 1603.06547
- [FGPY16] S. Frittella, G. Greco, A. Palmigiano, F. Yang, A Multi-type Calculus for Inquisitive Logic, Proc. WoLLIC 2016, J. Väänänen, A. Hirvonen, R. de Queiroz eds, LNCS 9803, pp. 215-233, 2016. ArXiv preprint 1604.00936.
- [CFPPTW16] W. Conradie, S. Frittella, A. Palmigiano, M. Piazzai, A. Tzimoulis, N. Wijnberg, Categories: How I Learned to Stop Worrying and Love Two Sorts. Proc. WoLLIC 2016, J. Väänänen, A. Hirvonen, R. de Queiroz eds, LNCS 9803, pp. 145-164, 2016. ArXiv preprint 1604.00777.
- [EPZ15] M. Esteban, A. Palmigiano, Z. Zhao, An Abstract Algebraic Logic view on Judgment Aggregation, Proc. LORI 2015, LNCS 9394, pp. 77-89.
- [BPZ15] G. Bedrosian, A. Palmigiano, Z. Zhao, Generalized Ultraproduct and Kirman-Sondermann Correspondence for vote abstention, Proc. LORI 2015, LNCS 9394, pp. 27-39.
- [CFPT15] W. Conradie, S. Frittella, A. Palmigiano, A. Tzimoulis, Probabilistic Epistemic Updates on Algebras, Proc. LORI 2015, LNCS 9394, pp. 64-76.
- [FGKPS14c] S. Frittella, G. Greco, A. Kurz, A. Palmigiano, V. Sikimic, Multi-type sequent calculi, Proc. Trends in Logic XIII, (2014), pp. 81-93.
- [GKP13] G. Greco, A. Kurz, A. Palmigiano, Dynamic Epistemic Logic Displayed, Proc. LORI 2013, Huaxin Huang, Davide Grossi, Olivier Roy eds, LNCS 8196, pp 135-148, 2013.

*Invited contributions to book chapters*

[CGP14] W. Conradie, S. Ghilardi, A. Palmigiano, Unified Correspondence, *Johan van Benthem on Logic and Information Dynamics*, Springer series *Outstanding Contributions to Logic*, edited by A. Baltag and S. Smets, Springer, 2014, pp. 933-975.

**Editorships**

- Co-editor of the post-proceedings of the conference on *Nonclassical Logics and their Applications* (with M. Ma and S. Ju), 2017.
- Guest editor of the special issue of *Studia Logica* on *Logics for Social Behaviour* (with M. Pivato), 2017, forthcoming.
- Guest editor of the special issue of the *Journal of Logic and Computation* on *Canonicity and Correspondence for Nonclassical Logics* (with W. Conradie), 2017.
- Associate editor of *Studia Logica*, (2013-2015) and (2015-2018).
- Special Issue editor of the *Journal of Logic and Computation* on *Logics for Coalgebras* (with A. Kurz and Y. Venema), 2008.

**Reviewing for journals, conference proceedings (selection)**

- journals: *Annals of Pure and Applied Logic*, *Journal of Algebra*, *Logical Methods in Computer Science*, *Journal of Logic and Computation*, *Review of Symbolic Logic*, *Soft Computing*, *Information and Computation*, *Houston Journal of Mathematics*, *Central European Journal of Mathematics*, *Studia Logica*, *Logic Journal of the IGPL*, *Logica Universalis*.
- reviewing agencies: Zentralblatt MATH.
- conference proceedings: ICALP 2012, Relmics 2012, CADE 2011, Advances in Modal Logic (AiML) 2010, FoSSaCS 2010.

**Invited and featured talks**

- *Toward an epistemic-logical theory of categorization*, Workshop on Group Beliefs, 25-28 October 2017, Prague, Czech Republic.
- *Linear logic properly displayed*, Delft Bochum Day, 20 June 2017, Bochum, Germany.
- *Logic and FCA via Management Science*, half-day tutorial, 14th International Conference on Formal Concept Analysis (ICFCA 2017), 12-16 June 2017, Rennes, France.
- *Linear logic properly displayed*, Fall Western Sectional Meeting of the AMS, 8-9 October 2016, Denver, US.
- *Sahlqvist Correspondence via Duality and its Applications*, workshop *Modal Logic and Applications to Computer Science*, 19-21 September 2016, University of Tehran, Iran.
- *Linear logic properly displayed*, Syntax Meets Semantics 2016 (SYSMICS 2016), 5-9 September 2016, Universitat de Barcelona, Spain.
- *Proof theory for the Logics for Social Behaviour*, WoLLIC 2016, 16-19 August 2016, Puebla, Mexico.
- *Proof theory for the Logics for Social Behaviour*, ALCOP 2016, 7-9 April 2016, Vienna, Austria.
- *Proof theory for the Logics for Social Behaviour*, Logics for Social Behaviour 3, ETH Zurich, 8-12 February 2016.
- *Unified Correspondence as a Proof-Theoretic Tool*, NAT@Logic 2015, 31 August - 4 September 2015, Natal, Brazil.
- *Unified Correspondence as a Proof-Theoretic Tool*, 15th Congress of Logic, Methodology and Philosophy of Science, Helsinki, 3-8 August 2015.
- *Unified Correspondence as a Proof-Theoretic Tool*, Workshop Dynamics in Logic 2015, Rennes, France, 8 June 2015.

- *SGF-quantales and their groupoids*, Quantum Logic Workshop, Amsterdam, 7-8 May 2015.
- *Laws of thought for social behaviour*, Boole 200, Utrecht, 8 May 2015.
- *SGF-quantales and their groupoids*, Workshop Coalgebras in Quantum Physics, Bellairs Research Institute, Barbados, 15-19 March 2015.
- *Epistemic updates on algebras*, Logic and Algebra Day, University of Johannesburg, 9 January 2015.
- *Unified Correspondence as a Proof-Theoretic Tool*, Beyond Truth and False, Firenze, 3-5 December 2014.
- *Epistemic updates on algebras, and dynamic epistemic logics displayed*, Logic Day in Bochum, 26 June 2014.
- *Unified Correspondence*, Logic and Algebra Day, Johannesburg, 24 January 2014.
- *Epistemic updates on algebras, and dynamic epistemic logics displayed*, Dagstuhl Seminar on Duality in Computer Science, Center Schloss Dagstuhl, Wadern, Germany, 28 July-2 August 2013.
- *Unified Correspondence*, invited tutorial, Dagstuhl Seminar on Coalgebraic Logics, Center Schloss Dagstuhl, Wadern, Germany, 7-12 October 2012.
- *A Coalgebraic perspective on Dynamic Epistemic Logic*, workshop Coalgebra in the Netherlands (COIN), Amsterdam, 4 October 2012.
- *Correspondence theory for intuitionistic modal mu-calculus*, workshop on *Duality theory in Algebra, Logic and Computer Science*, Mathematical Institute, University of Oxford, 15-17 August, 2012.
- *Algebraic modal correspondence*, workshop PhDs in Logic IV, Ghent (Belgium), 12-13 April, 2012.
- *Epistemic Updates on Algebras*, Ninth Tbilisi Symposium on Language, Logic and Computation, Kutaisi, Georgia, 26-30 September, 2011.
- *Noncommutative spaces and their representation theory*, international conference TACL'11 (Topology, Algebra and Categories in Logic), Marseille, 26-30 July, 2011.
- *Algorithmic Correspondence and Canonicity for Lattice-Based Logics*, featured presentation, TACL'11, Marseille, 26-30 July, 2011.
- *Modal Correspondence Theory*, expository invited talk, workshop Mathematical Logic in the Netherlands (MLNL), University of Groningen, May 19-20, 2011.
- *Correspondence Theory via Duality: Sahlqvist and beyond*, workshop on Modal Logic and Stone Duality, ILLC, Amsterdam, December 13, 2010.
- *Groupoid quantales beyond the étale setting*, workshop on Categorical (co)algebraic methods in quantum informatics and linguistics, October 29-31, 2010 Oxford, United Kingdom.
- *Groupoid quantales beyond the étale setting*, Workshop on Logic and Algebra, University of Stellenbosch, South Africa, October 2, 2010.
- *Groupoid quantales beyond the étale setting*, International Workshop on Topological Methods in Logic II, Tbilisi, Georgia, June 8-10, 2010.
- *Proof systems for coalgebraic logic*, Schloss Dagstuhl Seminar on Coalgebraic Logics, 6-9 Dec 2009.
- *Proof systems for the coalgebraic cover modality*, *Coalgebra Day*, 11 March 2008, Nijmegen.
- *Topological Relational Quantales*, plenary lecture, OAL'07 (Order, Algebra and Logics), Nashville, 2007.

#### **Invited seminar lectures**

- 9 December 2016, *Proof theory for the Logics for Social Behaviour*, Institute of Logic and Cognition, Sun Yat-Sen University, Guangzhou.
- 24 August 2016, *Logics for Categorization theory*, Department of Mathematics, University of Indiana, Bloomington.
- 12 May 2016, *Proof theory for the Logics for Social Behaviour*, CUNY Computer Science Colloquium, CUNY, New York.

- 10 May 2016, *Epistemic Updates on Algebras*, Computational Logic seminar, CUNY, New York.
- 3 May 2016, *Duality and Unified correspondence*, Berkeley-Stanford Circle in Logic and Philosophy, San Francisco.
- 26 April 2016, *Algorithmic correspondence and canonicity for nondistributive logics*, School of computational sciences seminar, Chapman University, Orange (CA).
- 6 October 2015, *Proof-theoretic semantics for dynamic logics*, Computer and Information Sciences University of Strathclyde, Glasgow.
- 16 April 2015, *Unified Correspondence*, Department of Philosophy, Tsinghua University, Beijing.
- 14 April 2015, *Proof-theoretic semantics for dynamic logics*, weekly seminar of the logic group, Department of Philosophy, Peking University, Beijing.
- 12 December 2014, *Unified Correspondence as a Proof-Theoretic Tool*, Colloquium on Logic and Interactive Rationality, ILLC, Amsterdam.
- 14 April 2014, *Epistemic Updates on Algebras*, LORIA, Nancy.
- 28 November 2013, *Multi-type display calculi for dynamic logics*, Colloquium on Logic and Interactive Rationality, ILLC, Amsterdam.
- 11 November 2013, *Logics for Social Behaviour*, Economy of Technology Seminar, TUDelft.
- 7 March 2013, *Logics for Categorization*, Amsterdam Business School seminar, Amsterdam.
- 10 January 2013, *Duality and Judgment Aggregation*, Colloquium of the Munich Center for Mathematical Philosophy, Ludwig Maximilian University of Munich, Germany.
- 19 November 2012, *Epistemic Updates on Algebras*, Department of Computer Science, University of Catania, Italy.
- 2 November 2012, *Epistemic Updates on Algebras*, Department of Computer Science, University of Leicester, UK.
- 25 October 2012, *Epistemic Updates on Algebras*, Colloquium on Logic and Interactive Rationality, ILLC, Amsterdam.
- 19 March 2012, *Duality and Logic*, Philosophy Department of Tsinghua University, Beijing.
- 18 September 2012, *Epistemic updates on algebras*, colloquium lecture, Beijing Logic Forum, Beijing.
- 24 September 2010, *Groupoid quantales beyond the étale setting*, invited lecture, Mathematical Institute, University of Oxford, United Kingdom.
- 22 May 2010, *Dualities for noncommutative spaces*, General mathematical colloquium lecture, Department of Mathematics, University of Amsterdam.
- 1 April 2010, *Topological groupoid quantales: a non étale setting*, colloquium lecture, *Laboratoire Preuves, Programmes et Systèmes*, Université Paris Diderot - Paris 7.
- 13 March 2009, *Topological groupoid quantales: an algebraic study of noncommutative topologies*, colloquium lecture, Department of Mathematics, University of Stellenbosch.
- 11 March 2009, *Modular Sahlqvist correspondence for partially ordered algebras*, invited lecture at the ‘Seminar on Lattice theory and Topology’, Department of Mathematics, Stellenbosch University.
- 21 October 2008, *Topological groupoid quantales: an algebraic study of noncommutative topologies*, invited lecture, Seminar of Algebra, RU Nijmegen.
- 1 April 2008, *Dualities: from partial orders to Penrose tilings and beyond*, invited lecture, selection process for the Rosalind Franklin Fellowships 2007-2008, Groningen.

### General lectures

- 16 February 2016, *Logics for Social Behaviour*, Lorentz Center Highlights Lectures, Leiden.
- 25 April 2015, *Logics for Social Behaviour*, Philosophical Festival Drift, Amsterdam.
- 12 November 2014, *Logics for Social Behaviour*, public lecture, Museum Boerhaave, Leiden.

- 26 March 2012, *Life and Afterlife in Western Academia*, Yucai college, Southwest University, Chongqing, China.

**Invited academic visits (past 7 years)**

- Department of Mathematics, University of Johannesburg, South Africa, January 2018.
- Department of Mathematics, University of Johannesburg, South Africa, January 2017.
- Department of Mathematics, Indiana University, Bloomington, US, August 2016.
- Faculty of Mathematics, School of Computational Sciences, Chapman University, Orange (California), US, April 2016.
- Department of Mathematics, University of Johannesburg, South Africa, January 2016.
- Department of Computer and Information Sciences, University of Strathclyde, UK, October 2015.
- Theory and Logic Group of the Department of Formal Languages, Technische Universität Wien, Austria, April 2015.
- Department of Mathematics, University of Johannesburg, South Africa, January 2015.
- LORIA, Nancy, April 2014.
- Department of Mathematics, University of Johannesburg, South Africa, January 2014.
- Munich Center for Mathematical Philosophy, Ludwig Maximilian University of Munich, Germany, January 2013.
- Department of Mathematics, University of Johannesburg, South Africa, December 2012.
- Department of Computer Science, University of Leicester, UK, November 2012.
- Institute of Logic and Intelligence, University of Chongqing, China, February–March 2012.
- Department of Computer Science, University of Milan, February–March 2011.
- Mathematical Institute, University of Oxford, September 2010.

*Advanced courses delivered during academic visits (past 6 years)*

- *Stone Duality and Algebraic Correspondence*, invited 18-hour graduate course, Institute of Logic and Intelligence, Southwest University, Chongqing, China, 20 February–14 March 2012.
- *Algebraic Modal Correspondence*, invited two-full days graduate course, Department of Computer Science, University of Milan, 9 and 14 February 2011.

**Conference and workshop organization (past 6 years)**

- main organizer satellite conference *Algebra, Duality and Proof Theory* at the 8th European Mathematical Congress, 5–11 July 2020, Portorož, Slovenia.
- PC member of RAMiCS-17 (17th International Conference on Relational and Algebraic Methods in Computer Science) Groningen, The Netherlands, 29 October - 2 November 2018.
- PC member of LFCS'18 (Symposium on Logical Foundations of Computer Science), Deerfield Beach, Florida, January 8–11, 2018.
- PC member of SOQE 2017 (Workshop on Second-Order Quantifier Elimination and Related Topics) TU Dresden, Germany, 6–8 December 2017.
- PC member of WOLC 2017 (9th International Workshop on Logic and Cognition: Non-classical Modal and Predicate Logics), Institute of Logic and Intelligence, Sun Yat-Sen University, Guangzhou, 4–8 December 2017.
- PC member of TbiLLC 2017 (12th International Tbilisi Symposium on Language, Logic, and Computation), Kakheti (Georgia), 11–15 September 2017.
- PC member of WOLLIC 2017 (24th Workshop on Logic, Language, Information and Computation), University College London, 17–21 July 2017.

- PC member of MFPS 33 (33rd Conference on the Mathematical Foundations of Programming Semantics), Ljubljana, 14-16 June 2017.
- PC member of ICLA 2017 (7th Indian Conference on Logic and its Applications), Indian Institute of Technology (IIT) Kanpur, 5-7 January 2017.
- PC co-chair (together with Shier Ju Sun) of WOLC 2016 (8th International Workshop on Logic and Cognition: Non-classical Logics and Their Applications), Institute of Logic and Intelligence, Sun Yat-Sen University, Guangzhou, 5-8 December 2016.
- main organizer (together with Tommaso Flaminio, Marcus Pivato, and Elias Tsakas) of workshop *Logics, Decisions, and Interactions*, Lorentz Center, Leiden, 24-28 October 2016.
- PC member of LAMAS 2016 (9th Workshop on Logical Aspects of Multi-Agent Systems), May 2016, Singapore.
- main organizer (together with Giuseppe Greco, Sabine Frittella, and Fan Yang) of workshop *Dynamics in Logic*, 2016.
- main organizer (together with Johan van Benthem, Willem Conradie, Michael Moortgat, and Nachoem Wijnberg) of workshop *Unified Correspondence*, Lorentz Center, Leiden, 15-19 February 2016.
- LC chair of conference *Trends in Logic: Logics for Social Behaviour*, Delft, 2015.
- main organizer (together with Alexander Kurz and Frederick Herzberg) of workshop *Logics for Social Behaviour*, Lorentz Center, Leiden, 10-14 November 2014.
- PC member of conference *Topology, Algebra and Categories in Logic* (TACL2013), Nashville, 2013.
- Steering committee member of workshop series ALCOP *Algebra and Coalgebra meet Proof Theory*.
- LC chair of workshop *Lattices & Relations*, Amsterdam, 12-14 September 2012.
- PC member of conference *Advances in Modal logic*, Copenhagen, August 2012.
- PC member of workshop *Quantum Physics meets TARK*, Groningen, July 16-17 2011.
- PC member of workshop *Algebra and Coalgebra meet Proof Theory*, Bern, 27-29 April 2011.
- Co-organizer of ALCOP 2010, London, 25-26 January 2010.
- LC Co-chair of conference *Topology, Algebra and Categories in Logic* (TACL2009), ILLC, Amsterdam, July 7-11, 2009.

### **Other academic activities (past 5 years)**

#### *Evaluation of scientific output:*

- External evaluator for the Czech Academy of Sciences (2015-).

#### *Peer-reviewing for international funding agencies:*

- external reviewer for the EU funding program COST (European Cooperation in Science and Technology) 2017/2018.
- external reviewer in the NWO Vici selection round 2016/17.
- Israel Science Foundation (2015-).
- National Research Foundation of South-Africa (2012-).

#### *Membership in NWO selection boards:*

- Veni (Exact Sciences), 2014.
- Veni (Exact Sciences), 2012.

#### *Membership in boards of examiners for doctoral dissertations:*

- Noel van Erp, *TBA*, TUDelft, 2017.
- Zeinab Bahtiari, *Dynamics of Incomplete and Inconsistent Information*, University of Lorraine, France, 5 December 2017.
- Geghard Bedrosian, *Ultraproduct Construction of Representative Utility Functions with Infinite-Dimensional Domain*, University of Bielefeld, Germany, 30 November 2015.



- Claudette Robinson, *Algebraic methods for hybrid logics*, University of Johannesburg, 2015.
- Maria Esteban, *Duality Theory and Abstract Algebraic Logic*, Universitat de Barcelona, 4 November 2013.
- Rob Egrot, *Representations and Completions for Ordered Algebraic Structures*, UCL, London, 29 October 2012.
- Jacob Vosmaer, *Logic, Algebra and Topology. Investigations into canonical extensions, duality theory and point-free topology*, University of Amsterdam, the Netherlands, 14 December 2010.
- Lindsey Jeftha, *A Topological Framework for Modelling Belief Revision*, Department of Mathematical Sciences, University of Stellenbosch, South Africa, 4 October 2010.

*Membership in boards of examiners of MSc dissertations:*

- MSc Logic students Gianluca Paolini, Giovanni Cinà, (2013), Alwin Blok (2012), Peter Fritz (2011), Jort Bergfeld (2010), all at the ILLC.

### **Professionalization (selection)**

- *Junior Ambassadeursklas* program; professional enhancement track offered by the Faculty of Science of the UvA to selected high potential junior employees, 2012.
- Two-weeks intensive Dutch training at the *Talen Instituut Regina Coeli*, Vught, January 2011.
- *Veni-Vidi professionalisering traject* (2009)
- *Basiskwalificatietraject Onderwijs* (BKO) certification, UvA (2009)

### **Teaching (selection)**

- 2017. Formal Methods for Strategic Decision-Making, MSc Management of Technology, University of Delft, November-December.
- 2017. Introduction to Logic, Honours program BSc Applied Physics, University of Delft, September-November.
- 2015. Integration Economics, Law, Philosophy, and Technology, MSc Management of Technology, University of Delft, November-December.
- 2012. Mathematical Structures in Logic, MSc Mathematics, University of Utrecht, February-May.
- 2011. Mathematical Logic, BSc Mathematics, University of Amsterdam, September-December.
- 2011. Proof Theory, MSc Logic, ILLC, September-December.