

# Felipe Meneguzzi

PhD

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## Education

- 2009–2011 **Postdoc in Computer Science**, *Carnegie Mellon University*, Pittsburgh, USA.
- 2005–2009 **PhD in Computer Science**, *King's College London*, UK.
- 2002–2003 **MSc in Computer Science**, *PUCRS*, Porto Alegre, Brazil, *9.41 (out of 10)*.  
1st of 19 students
- 1997–2001 **BSc in Computer Science**, *PUCRS*, Porto Alegre, Brazil, *9.15 (out of 10)*.  
1st of 70 students

## PhD thesis

- title Extending agent languages for multiagent domains
- supervisor Professor Michael Luck
- description Introduction of planning, cooperative planning, motivated reasoning and normative processing in an AgentSpeak(L) (an agent language) interpreter. Prototype was an extension of the Jason AgentSpeak(L) interpreter, and included a Java planning algorithm, and a scripted agent environment middleware.

## Employment

### Academia

- 2012-current **Associate Professor**, *Pontifícia Universidade Católica do RS*, Porto Alegre, Brazil.  
Lecturing graduate and undergraduate courses.  
Head of the Scientific Committee of the School of Computer Science  
Served as head of the Scientific Committee of the School of Computer Science (2013-2015)  
Served as member of the Teaching Board for the Computer Science program (2015-2017)  
Serves as a member of the Coordinating Committee of the Graduate Program in Computer Science (2018-)  
Currently advises 4 MSc students and 4 PhD students  
Research focuses on normative reasoning and behaviour adaptation for autonomous agents.
- 2011-2012 **Project Scientist**, *Carnegie Mellon University*, Pittsburgh, USA.  
Work in the joint US/UK International Technology Alliance (ITA) defence project.  
Research focused on the distributed queries in semantic databases and presentation of uncertain and possibly conflicting data.
- 2009-2011 **Postdoctoral Research Fellow**, *Carnegie Mellon University*, Pittsburgh, USA.  
Work in the joint US/UK International Technology Alliance (ITA) defence project.  
Research focused on the formal relation between deterministic planning based on HTNs and stochastic planning based on MDPs and POMDPs. Practical applications being implemented include Proactive Assistant Agents that use plan recognition and constraint-based scheduling to anticipate and pre-fetch information for military planners.

- 2007-2009 **Part-time Research Assistant**, *King's College London*, London, UK.  
 Contract Based e-Business Systems Engineering for Robust, Verifiable Cross-Organisational Business Applications.  
 European Commission Framework 6 IST project.  
 I was responsible for designing a framework for representing, and reasoning about norms and contracts. I also aided in the implementation of a contract monitoring component, and wrote and co-wrote a number of publications disseminating our results.
- 2003-2004 **Research Assistant**, *Pontificia Universidade Catolica do RS*, Porto Alegre, Brazil.  
 Work in an HP-funded project.  
 I led a team of 3 people doing research on digital publishing tools and variable data printing. I also led the implementation of an XSL-FO (a T<sub>E</sub>X-like XML language) typesetter that lays out text on multiple arbitrarily shaped areas spanning multiple pages.
- 2000-2003 **Research Assistant**, *Pontificia Universidade Catolica do RS*, Porto Alegre, Brazil.  
 Work in an HP-funded project.  
 Research on an embedded Linux distribution used for hardware diagnostics.  
 Fulltime work while in MSc

### Industry

- 2010-2012 **Scientific Consultant**, *Agent Dynamics, Inc.*, Pittsburgh, PA, USA.  
 I consulted for the development of the Anticipatory Cognition (ANTICO) Agent Package  
 While I was with the company, project went into procurement phase II within the Small Business Innovation Research (SBIR) program.
- 2004-2005 **Software Engineer**, *Hewlett-Packard*, Porto Alegre, Brazil.  
 Imaging and Printing Labs.  
 Managed a development team of 6 software engineers.  
 Responsible for software design and releases of the (among other projects) productised version of the research developed during my work at PUCRS.

### Administrative Duties

- 2018 **Member of the Coordinating Committee**, *Graduate Program in Computer Science*, PUCRS, This is an elected position whose responsibilities include: i) revising the graduate program procedures manual; ii) organise tje admission process and ultimately decide which candidates should be admitted to the program; iii) decide on matters not explicitly covered by the program procedure manual.
- 2013-2015 **Head of Scientific Committee**, *School of Computer Science*, PUCRS, Responsibilities included: i) Advising the head of school on acceptability of research projects committing university resources; ii) selection of strategically important research areas for new hires; iii) developing and evaluating internal calls for proposals to use research fund monies.  
 Reached the maximum allowable tenure with extensions.
- 2015-2017 **Member of Teaching Structuring Committee**, *School of Computer Science*, PUCRS, Responsibilities include: i) evaluating new module syllabi in my areas of expertise; ii) report to the head of the Teaching Structuring Committee on the implementation of new modules in my area of expertise.

### Student Advising/Mentoring

- 2017-current **PhD. Advising**, *Leonardo Rosa Amado*, PUCRS, Learning how to act in a normative environment through observation.  
Full industry scholarship (Motorola/Leonovo)
- 2016-current **PhD. Advising**, *Ramon Fraga Pereira*, PUCRS, Multi-agent keyhole plan recognition in incomplete domain models.  
Full industry scholarship (HP)
- 2016-current **PhD. Advising**, *Maurício Cecílio Magnaguagno*, PUCRS, Symbolic-geometric planning.  
Full government scholarship
- 2015-current **PhD. Advising**, *João Paulo de Souza Aires*, PUCRS, Detecting Violations from Cloud and Mobile Data .  
Full government scholarship
- 2013-2017 **PhD. Advising**, *Giovani Parente Farias*, PUCRS, Plan Recognition and Failure Prediction for Ambient Assisted Living.  
Full government scholarship
- 2012-2015 **PhD. Advising (Thesis Committee)**, *Wagdi Alrawagfeh*, Memorial University of Newfoundland.  
Advised the student on norm-driven reasoning
- 2018-current **MSc. Advising**, *Gabriel Paludo Licks*, PUCRS, Reinforcement Learning for Very Large Database Indexing.  
Full-time MSc Student sponsored by SAP
- 2018-current **MSc. Advising**, *Alexandre Ichida*, PUCRS, Deep learning for text semantic similarity measurement.  
Part-time MSc Student
- 2018-current **MSc. Advising**, *Gabriel Rubin de Lima*, PUCRS, Mixed Monte-Carlo and Machine Learning AI for competitive multiplayer computer and board games.  
Part-time MSc Student (student works for the Rockhead games studio)
- 2016-current **MSc. Advising**, *Daniele Pinheiro*, PUCRS, Extracting Contractual Representations from Text using Deep Learning.  
Part-time MSc Student
- 2016-2018 **MSc. Advising**, *Guilherme Krzisch*, PUCRS, Monitor placement in a normative System.  
Full scholarship from the Brazilian Government
- 2015-2017 **MSc. Advising**, *Stephan Chang*, PUCRS, An Architecture for Improved Supply and Demand Forecasting.  
Full scholarship from Dell Computer
- 2015-2017 **MSc. Advising**, *Leonardo Rosa Amado*, PUCRS, Distributed Reinforcement Learning Applied to Mobile Devices.  
Full scholarship from Motorola
- 2014-2016 **MSc. Advising**, *Ramon Fraga Pereira*, PUCRS, A Landmark-based Approach for Plan Recognition and Plan Abandonment.  
Full government scholarship

- 2014-2016 **MSc. Advising**, *Maurício Cecílio Magnaguagno*, PUCRS, Method Composition through Operator Pattern Identification.  
Full government scholarship
- 2014-2016 **MSc. Advising**, *Aníbal Solon Heinsfeld*, PUCRS, Deep Learning for Autism Identification in Neurological Data.  
Full government scholarship
- 2013-2015 **MSc. Advising**, *João Paulo de Souza Aires*, PUCRS, Identifying Potential Conflicts Between Norms in Contracts.  
Full scholarship from Hewlett Packard – Student currently a PhD student under my supervision
- 2013-2015 **MSc. Advising**, *Caroline Seligman Froehlich*, PUCRS, Feature Selection for Neuroimaging Applied to Word-category Identification in Dyslexic Children.  
Full government scholarship – Student currently works at the Child Mind Institute, NY
- 2013-2015 **MSc. Advising**, *Rodrigo Buenavides Wesz*, PUCRS, Integrating Robot Control Into the AgentSpeak(L) Programming Language.  
Student currently works at Hewlett Packard
- 2012-2014 **MSc. Advising**, *Rodrigo Castro Martins*, PUCRS, An Organization Based Multi Agent System for Smarthome Management.  
Student currently on a PhD program in Canada
- 2012-2014 **MSc. Advising**, *Jiéverson Maissiat*, PUCRS, Meta-level Reasoning in Reinforcement Learning.  
Student currently working on his own start-up company

### Teaching

- autumn/2018 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 4611E – Logic for Computer Science (Lógica para Computação)  
60-hour Undergraduate course
  - 4646A – Introduction to Artificial Intelligence (Fundamentos de Inteligência Artificial)  
60-hour Undergraduate course
  - 4621A – Applied Artificial Intelligence (Inteligência Artificial Aplicada)  
60-hour Undergraduate course
- spring/2018 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4611E – Logic for Computer Science (Lógica para Computação)  
60-hour Undergraduate course
  - 4646F – Introduction to Computer Science (Introdução à Ciência da Computação)  
60-hour Undergraduate course
- autumn/2017 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course

- spring/2016 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- autumn/2016 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54606-03 – Computational Intelligence (Inteligência Computacional)  
45-hour Graduate course
  - 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- spring/2015 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- autumn/2015 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54606-03 – Computational Intelligence (Inteligência Computacional)  
45-hour Graduate course
  - 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- spring/2014 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- autumn/2014 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54606-03 – Computational Intelligence (Inteligência Computacional)  
45-hour Graduate course
  - 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- spring/2013 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54667-02 – Automated Planning (Planejamento Automático)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course
- autumn/2013 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.
- 54606-03 – Computational Intelligence (Inteligência Computacional)  
45-hour Graduate course
  - 34648 – Logic and Computational Algebras (Lógica e Álgebras Computacionais)  
30-hour Graduate course
  - 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course

spring/2012 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.

- 54600 – Advanced Topics in Computer Science (*TACC*)  
30-hour Graduate course
- 4642A – Logic for Computer Science (Lógica para Computação)  
60-hour Undergraduate course
- 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course

autumn/2012 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.

- 34666 – Development of Intelligent Systems (*Desenvolvimento de Sistemas Inteligentes*)  
30-hour Graduate course
- 4642A – Logic for Computer Science (Lógica para Computação)  
60-hour Undergraduate course
- 4643E – Artificial Intelligence (Inteligência Artificial)  
60-hour Undergraduate course

2007–2008 **Tutor**, *King's College London*, London, UK.

Small Group Tutorials for Undergraduate Students on Computer Systems, Programming Practice, Programming Concepts, Programming Applications, Distributed Systems and Software Engineering.

Tutorials for MSc Students on Internet Systems

2006–2007 **Tutor**, *King's College London*, London, UK.

Small Group Tutorials for Undergraduate Students on Programming Applications, Distributed Systems and Software Engineering.

Tutorials for MSc Students on Internet Systems

2006–2007 **Lab Assistant**, *King's College London*, London, UK.

Assisted Java Programming Labs

2005–2006 **Lab Assistant**, *University of Southampton*, Southampton, UK.

Assisted Java Programming Labs

2003 **Lecturer**, *PUCRS*, Porto Alegre, Brazil.

Taught Introduction to Computing (History of Computer Science, Binary System, etc)

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## Awards

2017 SICSA Distinguished Visiting Fellowship

2017 IJCNN Best Student Paper Award

2017 CNPq Highly Productive Researcher Fellowship

2017 AAMAS Visionary Workshop Paper

2016 Google Research Award for Latin America

2016 Multi-Agent Programming Contest (1st place)

2016 Predictive Analytics in Mental Health Competition (2nd place)

2016 MSc dissertation contest in BRACIS (advised the 2nd place)

2014 CNPq Highly Productive Researcher Fellowship

2013 One of 4 Runners Up to Microsoft Research Faculty Fellowship

2013 Best PC Member for the 2013 Conference on Principles and Practice of Multi-Agent Systems

2001 Best performing undergraduate student award (Valedictorian)

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## Professional and Learned Societies

ACM Association for Computer Machinery. Member since 2003

- SBC Brazilian Computer Society. Member since 2002  
 IEEE Institute of Electrical and Electronics Engineers. Member since 2016  
 AAAI Association for the Advancement of Artificial Intelligence. Member since 2016

## Grants and Funding

- 2018 **Industry Project**, *SAP, Brazil* – BRL 350,000.00, SmartIX - Smart dynamic indexing for large datasets, Brazil.  
 Co-Investigator
- 2017 **Fellowship**, *The Scottish Informatics and Computer Science Alliance, United Kingdom* – GBP 8,000.00, Effective norm monitoring placement in realistic conditions, Scotland.  
 Fellow
- 2017 **Fellowship**, *CNPq – PQ - BRL 39,600.00, Raciocínio Simbólico-Geométrico em Agentes Autônomos* – Symbolic-geometric reasoning in autonomous agents, Brazil.  
 Fellow
- 2017 **Industry Project**, *Motorola, Brazil* – BRL 1,500,000.00, Mobile Data Analytics, Brazil.  
 Co-Investigator
- 2016 **Award**, *Google, Brazil* – BRL 44,640.00, Automatic Reasoning about Contractual Clauses, Brazil.  
 Co-Investigator
- 2016 **Industry Project**, *HP Inc, Brazil* – BRL 400,000.00, Learning and Inference for Ambient Intelligence, Brazil.  
 Principal Investigator
- 2016 **Industry Project**, *Motorola, Brazil* – BRL 1,190,000.00, Mobile Data Analytics, Brazil.  
 Co-Investigator
- 2016 **Industry Project**, *Dell Computers, Brazil* – BRL 250,000.00, Prediction model for dispatch behavior, Brazil.  
 Principal Investigator
- 2015 **Industry Project**, *Dell Computers, Brazil* – BRL 150,000.00, Demand Forecasting, Brazil.  
 Principal Investigator
- 2015 **Industry Project**, *Motorola, Brazil* – BRL 1,050,000.00, Mobile Data Analytics, Brazil.  
 Co-Investigator
- 2015 **Grant**, *CNPq – PVE - BRL 252,314.66, Monitoração robótica de qualidade de água em áreas urbanas* – Robotic monitoring of water quality in urban areas, Brazil.  
 Principal Investigator
- 2015 **Grant**, *PUCRS – PRAIAS - BRL 20,000.00, Projeto e aquisição de dados neurais em ressonância magnética como ferramenta no diagnóstico de distúrbios de aprendizagem* – Design and acquisition of neural data in fMRI as a tool in diagnosing learning disorders, Brazil.  
 Principal Investigator

- 2014 **Fellowship**, *CNPq – PQ - BRL 39,600.00, Tomada de decisão e fiscalização em ambientes estocásticos regidos por normas – Decision Making and Enforcement in norm-regulated stochastic environments*, Brazil.
- 2013 **Grant**, *CAPES – BRL 1,685,000.00, ACERTA: Avaliação de Crianças Em Risco de Transtorno de Aprendizagem – Evaluation of Children under Risk of Learning Disorders*, Brazil.  
Co-Investigator
- 2013 **Grant**, *State Government – BRL 400,000.00, Manipulador Robótico para Processo de Pintura Aplicado ao Setor Naval e Petróleo – Robotic Manipulator for Painting Processes applied to the Naval and Oil Industry*, Brazil.  
Co-Principal Investigator
- 2013 **Grant**, *CNPq – Universal - BRL 15,000.00, Raciocínio Normativo e Monitoramento em Ambientes Estocásticos – Normative Reasoning and Monitoring in Stochastic Environments*, Brazil.  
Principal Investigator
- 2013 **Grant**, *PUCRS – PRAIAS - BRL 20,000.00, Modelos Preditores de Aprendizagem: Redes Bayesianas e Redes Neurais da Leitura em Crianças em Fase de Alfabetização – Bayesian Network-based Predictor Models for Children Learning to Read*, Brazil.  
Co-Investigator
- 2013 **Industry Project**, *Samsung – BRL 1,200,000.00, Tecnologias Semânticas e Multiagentes para Interação em Equipes – Semantic and Multiagent Technologies for Team Interaction*, Brazil.  
Co-Investigator
- 2012 **Grant**, *Fundação de Amparo a Pesquisa do Estado do Rio Grande do Sul – ARD - BRL 20,000.00, Raciocínio Autônomo em Agentes Guiados por Normas – Autonomous reasoning in norm-driven agents*, Brazil.  
Principal Investigator
- 2012 **Fellowship**, *(Declined) Marie Curie Actions-IIF - EUR 209,033.40, Verification Approaches for Planning in Agent programming languages (VAPA)*, EU.
- 2011 **Grant**, *Google Core AI - USD 35,000.00, Plan Recognition and Mobile Navigation Application for GPS-Free Environments*, USA.
- 2009 **Scholarship**, *Travel scholarship to attend AAMAS '09*, International Foundation for Autonomous Agents and Multiagent Systems (IFAAMAS), USA.
- 2005-2009 **Scholarship**, *Fully funded PhD scholarship in the UK*, Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES), Brazil.

### Research Council Committee Membership

- 2018 **Project review committee**, *Israel Science Foundation (ISF)*, Israel.
- 2017 **Project review committee**, *Israel Science Foundation (ISF)*, Israel.
- 2016 **Project review committee**, *United States – Israel Binational Science Foundation (BSF)*, Israel.
- 2013–current **Project review committee**, *Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS)*, Brazil.
- 2014–current **Project review committee**, *Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq)*, Brazil.



- 2014–2014 **Project reviewer**, *Netherlands Organization for Scientific Research (NWO)*, Netherlands, Reviewed 1 project for the Innovational Research Incentives Scheme Vidi 2014.
- 2011–2011 **Project reviewer**, *National Science Foundation (NSF)*, United States, Reviewed 6 projects.

### Event Organization

- 2017 **Co-Chair**, *COIN Workshop on Coordination, Organizations, Institutions and Norms*, São Paulo, Brazil.
- 2014 **Area Co-Chair**, *Ibero-American Conference on Artificial Intelligence (IBERAMIA)*, Santiago de Chile, Chile.
- 2010 **General and Program Chair**, *AAAI Fall Symposium on Proactive Assistant Agents*, Arlington, VA, USA.

### Session Chairing

- 2018 **Session Chair**, *International Joint Conference on Artificial Intelligence (IJCAI)*, Stockholm, Sweden.
- 2016 **Session Chair**, *AAAI Conference on Artificial Intelligence*, San Francisco, USA.
- 2015 **Session Chair**, *International Conference on Autonomous Agents and Multiagent Systems*, Istanbul, Turkey.

### Program Committee Membership

- 2019 **Senior Program Committee**, *Eighteen International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Montreal, Canada.
- 2018 **Program Committee**, *Twenty Sixth International Joint Conference on Artificial Intelligence (IJCAI)*, Stockholm, Sweden.
- 2018 **Program Committee**, *Seventeenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Stockholm, Sweden.
- 2018 **Program Committee**, *Fifteenth AAAI Conference on Artificial Intelligence (AAAI)*, New Orleans, LO, USA.
- 2017 **Program Committee**, *Twenty Fifth International Joint Conference on Artificial Intelligence (IJCAI)*, Melbourne, Australia.
- 2017 **Program Committee**, *Sixteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, São Paulo, Brazil.
- 2017 **Associate Editor**, *2017 IEEE Conference on Robotics and Automation (ICRA)*, Singapore.
- 2017 **Program Committee**, *Fourteenth AAAI Conference on Artificial Intelligence (AAAI)*, San Francisco, CA, USA.
- 2017 **Senior Program Committee**, *The Nineteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Phuket, Thailand.
- 2016 **Associate Editor**, *2016 IEEE Conference on Robotics and Automation (ICRA)*, Stockholm, Sweden.
- 2016 **Program Committee**, *Fifteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Singapore.

- 2016 **Program Committee**, *Thirtieth AAAI Conference on Artificial Intelligence (AAAI)*, Phoenix, AZ, USA.
- 2016 **Program Committee**, *Fourteenth European Conference on Multi-agent Systems (EUMAS)*, Valencia, Spain.
- 2015 **Senior Program Committee**, *Fourteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Istanbul, Turkey.
- 2015 **Program Committee**, *Twenty Fourth International Joint Conference on Artificial Intelligence (IJCAI)*, Buenos Aires, Argentina.
- 2015 **Program Committee**, *Twenty Ninth AAAI Conference on Artificial Intelligence (AAAI)*, Austin, TX, USA.
- 2015 **Program Committee**, *Twelfth German Conference on Multiagent System Technologies (MATES)*, Stuttgart, Germany.
- 2015 **Program Committee**, *Thirteenth International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS)*, Salamanca, Spain.
- 2015 **Program Committee**, *Seventeenth Portuguese Conference on Artificial Intelligence (EPIA)*, Coimbra, Portugal.
- 2015 **Program Committee**, *International Workshop on Coordination, Organisations, Institutions and Norms (COIN 2015@AAMAS)*, Istanbul, Turkey.
- 2015 **Program Committee**, *International Workshop on Coordination, Organisations, Institutions and Norms (COIN 2015@IJCAI)*, Buenos Aires, Argentina.
- 2014 **Program Committee**, *Thirteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Paris, France.
- 2014 **Program Committee**, *International Workshop on Coordination, Organisations, Institutions and Norms (COIN 2014)*, Paris, France.
- 2014 **Program Committee**, *Twelfth International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS)*, Salamanca, Spain.
- 2014 **Program Committee**, *The Seventeenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Kuching, Malaysia.
- 2013 **Program Committee**, *Twenty Third International Joint Conference on Artificial Intelligence (IJCAI)*, Beijing, China.
- 2013 **Program Committee**, *Twelfth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Saint Paul, MN, USA.
- 2013 **Program Committee**, *Twenty Eight ACM Symposium On Applied Computing (SAC)*, Coimbra, Portugal.
- 2013 **Program Committee**, *Workshop on Engineering Multi-Agent Systems (EMAS)*, Saint Paul, MN, USA.
- 2013 **Program Committee**, *The Sixteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Otago, New Zealand.
- 2012 **Program Committee**, *Eleventh International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Valencia, Spain.
- 2012 **Program Committee**, *The Fifteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Kuching, Malaysia.
- 2012 **Program Committee**, *Workshop on Agent Based Computing: from Model to Implementation IX (ABC:MI)*, Wrocław, Poland.

- 2011 **Program Committee**, *Twenty Second International Joint Conference on Artificial Intelligence (IJCAI)*, Barcelona, Spain.
- 2011 **Program Committee**, *Tenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Taipei, Taiwan.
- 2011 **Program Committee**, *The Fourteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Wollongong, Australia.
- 2011 **Program Committee**, *ILE Track of the 26th ACM Symposium On Applied Computing (SAC)*, Taichung, Taiwan.
- 2011 **Program Committee**, *Workshop on Agent Based Computing: from Model to Implementation VIII (ABC:MI)*, Szczecin, Poland.
- 2010 **Program Committee**, *The International Conference on Ambient Systems, Networks and Technologies*, Paris, France.
- 2010 **Program Committee**, *The Thirteenth International Conference on Principles and Practice of Multi-Agent Systems (PRIMA)*, Kolkata, India.
- 2010 **Program Committee**, *Second Conference on Computational Intelligence in Networks and Systems*, Thessaloniki, Greece.

## Reviewing

- Reviewer**, *ACM Transactions on Intelligent Systems and Technology*, ACM.
- Reviewer**, *Kuenstliche Ingelligenz (KI)*, Springer.
- Reviewer**, *Group Decision and Negotiation (GRUP)*, Springer.
- Reviewer**, *Transactions on Autonomous and Adaptive Systems (TAAS)*, ACM.
- Reviewer**, *The Knowledge Engineering Review (KER)*, Cambridge.
- Reviewer**, *Theoretical Computer Science (TCS)*, Elsevier.
- Reviewer**, *Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS)*, Springer.
- Reviewer**, *Web Intelligence and Agent Systems: An International Journal (WIAS)*, IOS Press.
- 2015 **Reviewer**, *International Conference on Intelligent Robots and Systems (IROS)*, Hamburg, Germany.
- 2012 **Reviewer**, *International Conference on Intelligent Robots and Systems (IROS)*, Vilamoura, Portugal.
- 2011 **Reviewer**, *International Conference on Intelligent Robots and Systems (IROS)*, San Francisco, USA.
- 2010 **Reviewer**, *Ninth International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Toronto, Canada.
- 2009 **Reviewer**, *Eight International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, Budapest, Hungary.
- 2008 **Reviewer**, *Nineteenth Brazilian Symposium on Artificial Intelligence (SBIA)*, Salvador, Brazil.

## Presentations

- 2018 **Invited Talk**, *Plan and Goal Recognition in the Real World.*, Catholic University of Pelotas, Pelotas, Brazil.
- 2017 **DVF Master Class**, *SICSA Distinguished Visiting Fellow Master Class on Plan and Goal Recognition.*, University of Aberdeen, Aberdeen, Scotland, UK.
- 2017 **Invited Talk**, *Plan and Goal Recognition in the Real World.*, University of Edinburgh, Edinburgh, Scotland, UK.
- 2017 **Invited Talk**, *Plan and Goal Recognition in the Real World.*, University of St. Andrews, St. Andrews, Scotland, UK.
- 2016 **Invited Talk**, *A Bayesian Approach to Norm Identificaton.*, University of Aberdeen, Aberdeen, Scotland, UK.
- 2015 **Panel**, *How can we popularise Theoretical Computer Science*, Panel at the Brazilian Workshop-School on Theoretical Computer Science (WEIT) at the Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil.
- 2014 **Colloquium**, *Programming Autonomous Behaviour: Abstractions and Techniques.*, Talks Series of the Department of Computer Science at the University of Brasilia, Brasilia, Brazil.
- 2011 **Colloquium**, *An approach to generate MDPs using HTN representations.*, Talks Series of the Verification of Autonomous Systems research group at Imperial College, London, UK.
- 2010 **Invited talk**, *Motivations and Goal-Directed Autonomy.*, 2010 AAAI Workshop on Goal-Directed Autonomy, Atlanta, GA, USA.
- 2008 **Colloquium**, *Creating and reusing plans in agent languages*, KCL Department of Computer Science Colloquia, London, UK.
- 2006 **Paper Presentation**, *Motivations and declarative goals as cornerstones of autonomy*, Student Session of the Eighth European Agent Systems Summer School, Annecy, France.
- 2004 **Invited Tutorial**, *Game Development Using Java*, RS Java Users Group, Porto Alegre, Brazil.

## Publications

### Patents

- 2015 **BR 10 2015 005579 0**, *Método Para Alocação de Tarefas em Cenários Dinâmicos.* BORDINI, Rafael H. **MENEGUZZI, Felipe R.** VIEIRA, Renata FREITAS, Artur KOSTER, Andrew
- 2014 **BR 10 2014 009861 5**, *Método Para Estimar o Tempo Esperado Para o Reconhecimento de Plano.* FAGUNDES, Moser S. BORDINI, Rafael H. **MENEGUZZI, Felipe R.** VIEIRA, Renata HILGERT, Lucas W.
- 2014 **BR 10 2014 004209 1**, *Método Para Inserir Código em Programa com Linguagem de Programação Lógica Utilizando Ontologias.* BORDINI, Rafael H. FAGUNDES, Moser S. HILGERT, Lucas W. **MENEGUZZI, Felipe R.** VIEIRA, Renata

- 2008 **US 2008 0201328 A1**, *Data Processing System and Method*, Grouping of elements in the Area Tree phase of XSL-FO rendering, <https://www.google.com/patents/US20080201328>.  
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