

CURRICULUM

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1. Personal details

<i>Name and Surname</i>	<i>Luisa Damiano (First/Family)</i>
<i>Nationality</i>	<i>Italian</i>
<i>Phone Number</i>	<i>0039/392/0176317</i>
<i>E-mail Address</i>	<i>luisa.damiano@gmail.com</i>
<i>Languages</i>	<i>English; French; Italian</i>

2. Current position

Since 26.10.2015 - **Associate Professor** (Professore Associato), Logic and Philosophy of Science (SSD M-FIL02) DICAM, Department of Ancient and Modern Civilizations (Dipartimento di Civiltà Antiche e Moderne), University of Messina, Viale Annunziata - Polo Universitario, 98168 Messina, Italy

3. Education and Memberships

3.1 Education

II Level Master (Master di II livello)

2013, Ca' Foscari University, Venice, Italy

II Level Master in Philosophical Counselling

Dissertation: *Philosophy of Science and Rehabilitation Medicine in Dialogue (Filosofia della Scienza e Medicina Riabilitativa in dialogo)*

Supervisors: Prof. Umberto Galimberti; Prof. Luigi Perissinotto

PhD

2006, University of Bergamo, Doctoral School in Anthropology and Epistemology of Complexity, Bergamo, Italy

PhD in Epistemology of Complex Systems (Dottorato in Epistemologia dei Sistemi Complessi) Final

Mark: Excellent *cum Laude*

Dissertation: *Conversational Units. Self-organization, autopoiesis, enaction and inter-subjectivity (Unità in Dialogo. Auto-organizzazione, autopoiesi, enazione e relazione cognitiva intersoggettiva)*

Supervisors: Prof. Enrico Giannetto

BA+MA Degree (Laurea)

2001, Università Ca' Foscari, Venice, Italy

BA+MA Degree in Philosophy (Diploma di Laurea in Filosofia)

Final Mark: 110/110 *cum Laude*

Dissertation: *Epistemology of Complexity*

(Il progetto dell'epistemologia della complessità)

Supervisor: Prof. Emanuele Severino

3.2 Memberships

AAAI – Association for the Advancement of Artificial Intelligence, Palo Alto, USA (Member)
AISC – Italian Association for the Cognitive Sciences (Member)
ESARG – Epistemology of the Sciences of the Artificial Research Group, University of Bergamo (Coordinator)
EUCognition – European Society for Cognitive Systems (Member)
IEEE – Institute of Electrical and Electronics Engineers (Member)
International Edgar Morin Research Center on Complexity – Centro Internazionale di Studi sulla Complessità Edgar Morin (Member of the Executive Committee)
Mind Network – European Network for Philosophy of Mind and Cognitive Science (Member)
Origins and evolution of life on Earth and in the Universe Cost Group – European Cooperation in Science and Technology (Philosophy of Science Team, Member)
Research Center for Ars Vivendi – Ritsumeikan University, Kyoto, Japan (Visiting Member)
SILFS – Italian Society for Logic and Philosophy of Science (Member of the Executive Committee)
SFI – Italian Philosophical Society (Member)
SynBioNT – The Synthetic Biology Network for Modelling and Programming Cell-Cell Interactions (Member)

4. Research interests

Philosophy of Science and Technology:

- Complex Systems Theories, Methods and Epistemology**;
- Epistemology of the Sciences of the Artificial**, with a focus on the Synthetic Modelling of Life and Cognition, in particular in Cognitive, Developmental and Social Robotics, and in Synthetic Biology;
- Epistemology of the Cognitive Sciences and Philosophy of Mind**, with a focus on Cognitive Extension, Minimal Cognition, Inter-subjective Cognition, Embodiment and Enaction;
- Philosophy of Biology**, with a focus on Self-organization, Autopoiesis, Minimal Life, Origins of Life.

Methods of Human-centric Assistive Technology Design.
Methods of Philosophical Counseling.

5. Research experience

5.1 Research positions

- 07/01/2016 – 05/02/2016 Visiting Researcher at the Graduate School of Core Ethics and Frontier Sciences, Ritsumeikan University, Kyoto, Japan**
Project: Artificial Empathy, developed with P. Dumouchel
- 30/10/2013 – 25/10/2015 Associate Researcher (Ricercatore Associato) at the Research Center on Complex Systems (CERCO), Philosophy of Science (*Cognitive Sciences; Sciences of the Artificial*)**
University of Bergamo, Piazzale S. Agostino 2, 24129 Bergamo, Italy
Project: Methodologies of the Sciences of the Artificial (METSA)
Project dedicated to the development of the methodologies of the sciences of the artificial.
- 01/10/2013 – 30/11/2013 Visiting Researcher at the Department of Science, University of Rome Three, Rome Italy**
Project: SB-AI (What can Synthetic Biology offer to Artificial Intelligence ?), developed with P. Stano
(Financial Support: Grant from COBRA Project, <http://www.cobra-project.eu/>)
- 16/05/2012 – 12/09/2013 PI/Responsible, Centro di Riabilitazione Villa Beretta, Costa Masnaga, Italy (Ospedale Valduce, Como, Italia)**

Project: Rewalk: la persona al centro. Filosofia della scienza e medicina riabilitativa in dialogo

07/09/2012 – 06/11/2012 Visiting Researcher at Graduate School for Core Ethics and Frontier Sciences and Center for Ars Vivendi, Ritsumeikan University, Kyoto, Japan

Project : Artificial Empathy, developed with P. Dumouchel (Financial Support: Grant from FYRE Project, Cariplo Foundation)

01/10/2010 – 30/09/2013 Research Fellow (Assegnista di Ricerca), Philosophy of Science (*Cognitive Sciences; Sciences of the Artificial*)

University of Bergamo, Piazzale S. Agostino 2, 24129 Bergamo, Italy

Project: Epistemology of the Artificial

Project funded by Regione Lombardia and dedicated to the analysis and the epistemological grounding of the synthetic modelling of biological and cognitive processes.

10/2009 - 09/2010 Research Fellow, Philosophy of Science (*Cognitive Sciences; Sciences of the Artificial*)

Adaptive Systems Research Group, School of Computer Science, Science and Technology Research Institute (STRI), University of Hertfordshire (UH), College Lane, Hatfield, Herts, AL9 10AB, UK

Projects:

[1] *Feelix Growing*, FP6-045169 (<http://www.feelix-growing.org/>)

European project dedicated to the exploration of emotional development through the interdisciplinary collaboration of teams working in developmental psychology, primatology, neurophysiology and developmental robotics.

[2] *ALIZ-E*, FP7-248116 (<http://www.euron.org/resources/projects/2010#alize>)

European project dedicated to build robot companions for hospitalised diabetic children.

09/2007 - 09/2009 JSPS Post-doctoral Fellow, Philosophy of Science (*Cognitive Sciences; Sciences of the Artificial*)

Graduate School of Core Ethics and Frontier Science, Ritsumeikan University, 56-1 Kitamachi, Toji-in, Kita-ku, 603-8577 Kyoto, Japan

Projects:

[1] *Empathy and Frontier Sciences*

Project funded by the Japanese Society for the Promotion of Science (JSPS) and dedicated to the naturalization of the notion of empathy through the integrative coordination of contributions from cognitive sciences (neuroscience in particular) and human sciences.

(Role: Researcher)

[2] *Artificial Empathy*

Project funded by JSPS and dedicated to the exploration of the domain of social robotics and the way in which the notion of empathy is “operationalized” within this domain.

(Role: Researcher in charge)

01/03/2007 – 30/05/2008 Research Fellow, Philosophy of Science (*Biology; Cognitive Sciences; Sciences of the Artificial; Epistemology of Complex Systems*)

Department of Biology, University of Roma 3, viale Marconi 446, 00146 Rome, Italy

Project: SynthCells, FP6-043359

European project dedicated to the artificial (chemical) construction of minimal living systems.

- 24/10/2006 – 28/02/2007 Visiting Researcher**, Philosophy of Science (*Biology; Cognitive Sciences; Sciences of the Artificial; Epistemology of Complex Systems*)
 Department of Biology, University of Roma 3, viale Marconi 446, 00146 Rome, Italy
 Project: *Theoretical and Chemical Autopoiesis*
 Collaboration dedicated to the artificial (chemical) construction of minimal living systems.
- 01/2006 - 09/2006 Research Assistant** (Cultore della materia), Philosophy of Science (*Epistemology of Complex Systems, Genetic Epistemology*)
 University of Bergamo, Piazzale S. Agostino 2, 24129 Bergamo, Italy
- 01/11/2004 – 30/04/2005 Visiting PhD Student at LENA**, Laboratoire de Neurosciences et d’Imagerie Cérébrale Université Paris 6, Paris, France, CNRS, UPR 640, under the supervision of L. Pezard **Visiting PhD Student at CREA**, Centre de Recherche en Epistémologie Appliquée, Ecole Polytechnique, Paris, France, CNRS, UMR 7656, under the supervision of M. Bitbol (Financial Support: Grant from University of Bergamo)
- 01/11/2003 – 30/04/2004 Visiting PhD Student at LENA**, Laboratoire de Neurosciences et d’Imagerie Cérébrale Université Paris 6, Paris, France, CNRS, UPR 640, under the supervision of M. Le van Quyen
Visiting PhD Student CREA, Centre de Recherche en Epistémologie Appliquée, Ecole Polytechnique, Paris, France, CNRS, UMR 7656, under the supervision of M. Bitbol (Financial Support: Grant from University of Bergamo)
- 01/11/2002 – 31/10/2005 PhD Student in Anthropology and Epistemology of Complexity** (*Epistemology of Cognitive Sciences*)
 University of Bergamo, Piazzale S. Agostino 2, 24129 Bergamo, Italy
 (Financial Support: Fellowship from Fondazione Cariplo and University of Bergamo)

5.2 Participation to research projects funded on the basis of peer reviewing processes

<i>Project</i>	<i>Role</i>
DiDIY – Digital Do It Yourself European Project H2020 n. 644344 – Duration 30 months (2015-2017) Grant: €2,081,769.00	Co-author of the project
Epistemologia dell’artificiale (Epistemology of the Artificial) Project selected and funded in the context the ‘Dote Ricerca’ Agreement for the development of human capital in Lombardia’s university system – Duration 36 months (2010-2013)	Research Fellow
ALIZ-E – Adaptive Strategies for Sustainable Long-Term Interacion EC Research Project FP7 n. 248116 – Duration 54 months (2010-2014)	Research Fellow (Responsible for the epistemological aspects, User Modeling WP)
FEELIX GROWING – Feel, Interact, Express: a Global Approach to Development with Interdisciplinary Grounding EC Research Project FP6 n. 045169 – Duration 42 months (2006-2010)	Research Fellow (Responsible for the epistemological aspects, Integration WP)
Empathy and Frontier Sciences Project funded by Japan Society for the Promotion of Science (JSPS) – Duration 24 months (2007-2009)	Research Fellow
Artificial Empathy Additional Project funded by JSPS – Duration 20 months (2007-2009)	Researcher in charge
SynthCells – Approaches to the Bioengineering of Synthetic Minimal Cells EC Research Project FP6 n. 043359 – Duration 42 months (2007-2010)	Research Fellow (WP 1, WP 2, WP 3)

6. Publications

- Book* **Dumouchel P. and Damiano L. [2019]**, *Vivere con i robot*, Cortina, Milano (tr. by L. Damiano from Dumouchel P., Damiano L., 2016, *Vivre avec les robots*, Seuil, Paris; tr. into English, Harvard University Press, 2017; tr. Into Korean, HEEDAM, 2019)
- Chapter* **Damiano, L. and Dumouchel P. [2019]**, “Emotion in relation. Theoretical scaffolding for mixed human-robot social ecologies”, in Misselhorn C., Klein M., Eds., *Emotional Machines. Perspectives from Affective Computing and Emotional Human-Machine Interaction*, Springer (in press)
- Article* **Ceruti M. and Damiano L. [2018]**, “Plural Embodiment(s) of Mind”, in *Frontiers in Psychology*, <https://www.frontiersin.org/articles/10.3389/fpsyg.2018.02204/full>
- Proceedings Article* **Rampioni G., Leoni L., Mavelli F., Damiano L., Stano L. [2018]**, “Interfacing Synthetic Cells with Biological Cells: An Application of the Synthetic Method”, in Ikegami et al., *Alife* 2018, MIT Press, pp. 145-146
- Editorial* **Damiano, L., Kuruma Y. and Stano P. [2018]**, “Synthetic Biology and Artificial Intelligence: Towards Cross-fertilization” in *Complex Systems*, 27, 3, pp. i-vii
- Article* **Damiano, L. and Stano P. [2018]**, “Synthetic Biology and Artificial Intelligence. Grounding a cross-disciplinary approach to the synthetic exploration of (embodied) cognition” in *Complex Systems*, 27, 3, pp. 199-228
- Article* **Damiano, L. and Dumouchel P. [2018]**, “Anthropomorphism in Human-Robot Co-Evolution”, in *Frontiers in Psychology*, <https://www.frontiersin.org/articles/10.3389/fpsyg.2018.00468>, doi: 10.3389/fpsyg.2018.00468
- Article* **Damiano, L. and Stano P. [2018]**, “Understanding embodied cognition by building models of minimal life. Preparatory steps and a preliminary autopoietic framework” in *Lecture Notes in Computer Science*, doi.org/10.1007/978-3-319-78658-2_6
- Article* **Stano P., Kuruma Y. and Damiano L., [2018]**, “Synthetic biology and (embodied) artificial intelligence: opportunities and challenges”, in *Adaptive Behavior*, 26, 1, pp. 41-44
- Proceedings Article* **Stano P., Rampioni, G., D’Angelo F., Altamura E., Mavelli F., Marangoni R., Rossi F., Damiano L. [2018]**, “Current directions in synthetic cell research”, in Piotto S., Rossi F., Concilio S., Reverchon E., Cattaneo G. (Eds.), *Advances in Bionanomaterials*, Springer 2018, pp. 141-154
- Book* **Dumouchel P. and Damiano L. [2017]**, *Living with robots*, Harvard University Press (tr. into Korean, HEEDAM, under contract; tr. into Italian, Cortina, under contract; from Dumouchel P., Damiano L., 2016, *Vivre avec les robots*, Seuil, Paris)
- Proceedings Article* **Damiano L. and Stano, P [2017]**, “SB SB-AI: How the synthetic biology paradigm is impacting AL and AI research”, in Roli A., Sòlanzi D., Villani M. (Eds.), Wivace 2017, European Center for Living Technology, , pp. 132-144
- Special Issue* **Damiano L., Kuruma Y., Stano P. (Eds.) [2016]**, *What can Synthetic Biology offer to Artificial Intelligence (And Vice Versa)?* Special Issue, *BioSystems*, 148
- Editorial* **Damiano L., Kuruma Y., Stano P. [2016]**, “What can Synthetic Biology offer to Artificial Intelligence (And Vice Versa)?”, *BioSystems*, 148, pp. 1-3
- Proceedings Article* **Bracciali A., Cataldo E., Damiano L., Felicioli C., Marangoni R., Stano, P. [2016]**, “From cells as computation to cells as apps”, in Gadducci F. and Tavosanis M. (Eds.), *History and Philosophy of Computing. Third International Conference, HaPoC 2015, Pisa, Italy, October 8 -11, 2015. Revised Selected Papers. IFIP Advances in Information and Communication Technology*, 487, pp. 116–130
- Book Review* **Damiano L. [2016]**, “Morin E.-Ceruti M., La nostra Europa”, in *Complessità*, 1, XI, pp. 231-234

- Preface* **Ceruti M. e Damiano L. [2016]**, “Un’epistemologia dell’epistemologia”, in: J. Piaget, *Introduzione all’epistemologia genetica*, Studium, Roma, pp. 7-51
- Book** **Dumouchel P., Damiano L. [2016]**, *Vivre avec les robots. Essai sur l’empathie artificielle*, Seuil, Paris (tr. into English, *Living with robots*, Harvard University Press, 2017, in press; tr. into Korean, HEEDAM, under contract; tr. into Italian, Cortina, under contract)
- Chapter* **Damiano L. [2016]**, “Autopoiesis: three research directions for future developments”, in Luisi P. L., *Emergence of Life* (2nd edition), Cambridge University Press, New York, pp. 135-139
- Proceedings Article* **Lehmann H., Cabibihan J.J., Metta G. and Damiano L. [2015]** “Exploring Theory of Mind and Empathy Deficiencies in Children with ASD with the Help of a Humanoid Robot”, Tenth Annual ACM/IEEE
- Special Issue* **Damiano L., Dumouchel P., Lehmann H. (Eds.), [2015]**, *Artificial Empathy. An Interdisciplinary Investigation, International Journal of Social Robotics*, Special Issue, 7
- Editorial* **Damiano L., Dumouchel P., Lehmann H. [2015]**, “Artificial Empathy. An Interdisciplinary Investigation”, in *International Journal of Social Robotics*, 7, pp. 3-5
- Article* **Damiano L., Dumouchel P., Lehmann H. [2015]**, “Towards Human-Robot Affective Co-evolution”, in *International Journal of Social Robotics*, 7, pp. 7-18
- Article* **Rampioni G., Mavelli F., Damiano L.,* D’Angelo F., Messina M., Leoni L., Stano P. [2014]**, “A synthetic biology approach to bio-chem-ICT: first moves towards chemical communication between synthetic and natural cells”, in *Natural Computing*, 13, pp. 333-349
(* Rampioni G., Mavelli F. and Damiano L. contributed equally to this work)
- Chapter* **Mavelli F., Rampioni G., Damiano L., Messina M., Leoni L., Stano P. [2014]** “Molecular communication technology: general considerations on the use of synthetic cells and some hints from in silico modeling”, in Pizzuti C. and Spezzano G. (Eds.), *Advances in Artificial Life and Evolutionary Computation*, C. Pizzuti, G. Spezzano (Eds.). *Communications in Computer and Information Science*, 445, pp. 169-189
- Chapter* **Stano P., Rampioni G., Damiano L., D’Angelo F., Carrara P., Leoni L. and Luisi P. L. [2014]**, “Towards the engineering of chemical communication between semi-synthetic and natural cells”, in Cagnoni S., Mirolli M., Villani M., Eds., *Evolution, Complexity and Artificial Life*, Springer, pp. 91-104
- Article* **Bocchi G. and Damiano L., [2013]**, “The Enactive Mind. An Epistemological Framework for Radically Embodied Didactics”, in *Education Sciences and Society*, 4, 1, pp. 113-134
- Article* **Beck A., Cañamero L., Hiolle A., Damiano L., Cosi P., Tesser F., Somavilla G. [2013]**, “Interpretation of Emotional Body Language Displayed by a Humanoid Robot: A Case Study with Children”, in *International Journal of Social Robotics*, 5, 3, pp. 325-334
- Article* **Ceruti M. e Damiano L. [2013]**, “Embodiment enattivo, cognizione e relazione dialogica”, in *Encyclopaideia*, 37, XVII, pp. 19-46
- Article* **Damiano L., Dumouchel P., Lehmann H. [2013]**, “Dicotomie instabili. Emozioni ed empatia sintetiche” in *Riflessioni Sistemiche*, 8, pp. 5-18
- Proceedings Article* **Rampioni G., Damiano L., Messina M., D’Angelo F., Leoni L., Stano P. [2013]**, “Chemical communication between synthetic and natural cells: a possible experimental design”, in Graudenzi A., Caravagna G., Mauri G., Antoniotti M., Eds., *Wivace 2013 - Italian Workshop on Artificial Life and Evolutionary Computation*, *Electronic Proceedings in Theoretical Computer Science*, 130, pp. 14-26
- Article* **Damiano L. [2012]**, “Co-emergences in life and science”, in *Synthese*, 185, pp. 273-294
- Article* **Bich L. and Damiano L., [2012]**, “Life, Autonomy and Cognition: an Organizational Approach to the Definition of the Universal Properties of Life”, in *Origins of Life and Evolution of Biospheres*, 42(5), pp. 389-397

- Article* **Bich L. and Damiano L., [2012]**, “On the Emergence of Biology from Chemistry: A Discontinuist Perspective from the Point of View of Stability and Regulation”, in *Origins of Life and Evolution of Biospheres*, 42(5), pp. 475-482
- Article* **Bich L. and Damiano L., [2012]**, “Response to Comments”, in *Origins of Life and Evolution of Biospheres*, 42(5), pp. 402-403
- Article* **Stano P., Rampioni G., Carrara P., Damiano L., Leoni L., Luisi P. L. [2012]**, “Semi-synthetic minimal cells as a tool for biochemical ICT”, in *BioSystems*, 109, pp. 24-34
- Article* **Damiano L., Cañamero L. [2012]**, “The Frontier of Synthetic Knowledge”, in *World Futures: Journal of General Evolution*, 68, pp. 171-177
- Chapter* **Damiano L., Cañamero L. [2012]**, “La conoscenza sintetica. Impalcature per una scienza costruttivista”, in Cianci E. Ed., *Epistemologie in Dialogo, Quaderni CE.R.CO*, Guaraldi, pp. 111-122
- Chapter* **Damiano L., Dumouchel P., Lehmann H. [2012]**, “Should Empathic Social Robots Have Interiority?”, in Ge S., Khatib O., Cabibihan J. J., Simmons R., Williams M.-A. (Eds.), *Social Robotics, Lecture Notes in Artificial Intelligence*, 7621, pp. 268-277
- Chapter* **Bich L. and Damiano L., [2012]**, “Riscoprire la teoria dell'autopoiesi nella caratterizzazione dei sistemi sociali”, in Licata I. Ed., *Sistemi, Emergenza, Organizzazioni. Complessità e Management*, CoRiSCo – EDAS, Roma-Messina, pp. 83-111
- Chapter* **Damiano L. and Dumouchel P., [2012]**, “Faut-il qu'un objet, le robot, ait une intériorité?”, in Comité Societal de Aldebaran Robotics, *Les Robots Humanoïdes au Quotidien: Quels Enjeux Sociétaux?*, Aldebaran Robotics, Paris, pp. 15-24
- Proceedings Article* **Stano P., Rampioni G., Damiano L., D'Angelo F., Carrara P., Leoni L., Luisi, P. L. [2012]**, “Experimental perspectives for a chemical communication between synthetic and natural cells”, in Cagnoni, S., Mirolli M., Villani M., Eds., *Proceedings of the Italian Workshop on Artificial Life and Evolutionary Computation (Parma, 20-21 February 2012)*, pp. 1-12
- Article* **Beck A., Cañamero L., Damiano L., Somavilla G., Tesser F., Cosi P. [2011]**, “Children interpretation of emotional body language displayed by a robot”, *Lecture Notes in Computer Science*, 7072, pp. 62-70
- Article* **Dumouchel P., Damiano L. [2011]**, “Artificial Empathy, Imitation and Mimesis”, *Ars Vivendi Journal*, Founding Issue (<http://www.ritsumei-arsvi.org/contents/read/id/23>)
- Article* **Damiano L. [2011]**, “Vita, cognizione e scienza come processi di co-emergenza”, in *Riflessioni sistemiche*, 5, pp. 45-58
- Proceedings Article* **Damiano L., Hiolle A., Cañamero L. [2011]**, “Grounding Synthetic Knowledge”, in Lenaerts T., M. Giacobini M., Bersini H., Bourguin P., Dorigo M. and Doursat R. (Eds.), *Advances in Artificial Life, ECAL 2011*, MIT Press, pp. 200-207
- Article* **Damiano L. and Luisi P. L. [2010]**, “Towards an autopoietic redefinition of life”, in *Origins of Life and Evolution of Biospheres*, Volume 40, Issue 2, p. 145-149
- Article* **Bich L., Bocchi G. and Damiano L. [2010]**, “An Epistemology of Contingency”, in *Origins of Life and Evolution of Biospheres*, 40, Issue 1, pp. 370-375
- Article* **Ceruti M. e Damiano L. [2010]**, “Dare corpo alla mente”, in *Humana.Mente. Journal of Philosophical Studies*, 14 (Printed Issue), pp. 79-100
- Proceedings Article* **Damiano L., Cañamero L. [2010]**, “Constructing Emotions. Epistemological groundings and application in robotics of a synthetic approach to emotions”, in Chappell J., Thorpe S., Hawes N. and Sloman A. (Eds.), *AI-Inspired Biology (Proceedings of the International Symposium), SSAISB*, pp. 20-28
- Book* **Damiano L. [2009]**, *Unità in dialogo. Un nuovo stile per la conoscenza*, Bruno Mondadori, Milano

- Article* **Damiano L. [2009]**, “Creative coordinations”, in *World Futures: Journal of General Evolution*, 1556-1884, vol. 65. Issue 8, pp. 568-575
- Chapter* **Damiano L. [2009]**, “Teoria e stile di conoscenza in Emozioni di Paul Dumouchel”, in Trigona R. and Bougleux E. Eds., *Percorsi multidisciplinari e compresenze immaginarie*, Quaderni CE.R.CO, Guaraldi, pp. 65-82
- Chapter* **Damiano L. and Luisi P. L. [2009]**, “An Autopoietic View of Death: Drawing the Concept of Autopoietic Negemergence”, in A. Aguilar, ed., *What Is Death? A Scientific, Philosophical and Theological Exploration of Life’s End*, Libreria Editrice Vaticana, Vatican City, pp. 65-80
- Proceedings Article* **Damiano L. and Dumouchel P. [2009]**, “Epigenetic embodiment”, in Cañamero L., Oudeyer P.-Y. & Balkenius C (Eds), *Epigenetic Robotics. Modelling Cognitive Development in Robotic Systems*, Lund University Cognitive Studies, 146, pp. 41-48
- Book Translation** **Dumouchel P. [2008]**, *Emozioni. Saggio sul corpo e il sociale*, tr. Damiano L., Medusa, Milano (original title: *Émotion, essai sur le corps et le social, Les empêcheurs de penser en rond*, Paris, 1995)
- Article* **Bich L. and Damiano L. [2008]**, “Order in the nothing: Autopoiesis and the Organizational Characterization of the Living”, in *Electronic Journal of Theoretical Physics*, 4, 16 (1), pp. 343-373
- Article* **Ceruti M. e Damiano L. [2008]**, “Conoscenza della conoscenza e complessità. La proposta epistemologica di Varela per la scienza cognitiva”, in *Rivista di Estetica*, 37, pp. 67-76
- Article* **Damiano L., Luisi P. L. [2008]**, “Co-emergenze: vita, evoluzione e cognizione nel paesaggio teorico della biologia autopoietica”, in *Dedalus*, 2, 4, pp. 31-37
- Article* **Bich L. and Damiano L. [2007]**, “Theoretical and Artificial Construction of the Living: Redefining the Approach form an Autopoietic Point of View”, in *Origins of Life and Evolution of Biospheres*, 34, pp. 459-464
- Article* **Damiano L. [2007]**, “Unità in dialogo I- La scienza in dialogo”, in *Dedalus*, 1, 2, pp. 40-48
- Chapter* **Damiano L. and Luisi P. L. [2007]**, “Reconsidérer l’autopoïèse”, in Bersini H., Reisse J., Eds., *Comment définir la vie? Les réponses de la biologie, de l’intelligence artificielle et de la philosophie des sciences*, Vuibert, Paris, pp. 33-40
- Article* **Damiano L. [2006]**, “Co-evoluzioni cognitive. Auto-organizzazione, unità dialoganti e mirror neurons”, in *Elites*, 4, pp. 30-54
- Preface* **Ceruti M. and Damiano L. [2006]**, “Prefazione”, in M. Cappuccio, Ed., *Neurofenomenologia. Le scienze della mente e la sfida dell’esperienza cosciente*, Bruno Mondadori, Milano, pp. 9-15

7. Talks and presentations (Selection)

- 26/02/2019 ***Homes as human-robot ecologies. An epistemological inquiry on the ‘domestication’ of robots, The Home in the Digital Age. Home Renaissance Foundation Experts’ Meeting***, The Royal Society of Medicine, London, UK, 25-26/02/2019
- 21/02/2019 ***La costruzione robotica delle emozioni. Un’esplorazione epistemologica nel dominio dell’Artificial Empathy, I-core. Inteconnettività e resilienza. Workshop Almaidea***, Centro Internazionale di Studi Umanistici Umberto Eco, Bologna, Italy, 21/02/2019
- 15/12/2018 ***Francisco Varela e il costruttivismo radicale, Conoscere è fare. Fare è conoscere***, Centro Studi Internazionale E. Morin, Messina, Italy, 13-15/12/2018
- 13/12/2018 ***The Embodied Mind. Towards a paradigm shift***, Body and Mind in Education and Training,

University of Bergamo, Bergamo, Italy, 13-14/12/2018

- 25/07/2018 ***The synthetic method. Proposing a framework to the synthetic sciences of life and cognition***, The Synthetic Approach to Biology and the Cognitive Sciences Workshop, ALIFE 2018, Tokyo, Japan, 23-27/07/2018
- 23/07/2018 ***Interfacing synthetic cells with biological cells: an application of the synthetic method***, with Rampioni G., Leoni L., Mavelli F., Stano P., ALIFE 2018, Tokyo, Japan, 23-27/07/2018
- 24/05/2018 ***Embodiment in the cognitive sciences and AI: what role for design research?***, Strate School of Design, Paris, 24/05/2018
- 22/05/2018 ***Artificial Empathy: dai modelli teorici alle implicazioni etiche***, *Interazione uomo-robot: fondamenti, tecnologie, implicazioni*, Università Bicocca, Milano, 22/05/2018
- 04/02/2018 ***Emotions in Human-Robot Co-Evolution. Artificial Empathy, Radical Embodiment and Synthetic Ethics***, 3rd Joint UAE Symposium on Social Robotics, JSSR 2018, Abu Dhabi, United Arab Emirates, 04-07/02/2018
- 18/09/2017 ***Synthetic Method and Robotic Design***, SMSR 2017, ICDL-Epirob 2017, Lisbon, Portugal, 18-21/09/2017
- 04/09/2017 ***What can Synthetic Biology offer to Embodied Artificial Intelligence?***, SB-AI 2017, ECAL 2017, Lyon, France, 04-08/09/2017
- 16/06/2017 ***The Embodied Approach: A paradigm shift within the Cognitive Sciences?***, *From Objects to Agents Workshop*, XVIII Edition, Scilla, Italy, 15-17/06/2017
- 27/05/2017 ***Empatia artificiale. Lineamenti e approcci della robotica delle emozioni***, *Roboetica. Quale 'dialogo' tra l'uomo e le macchine intelligenti?* Symposium, Istituto Teologico S. Tommaso, Messina, Italy, 27/05/2017
- 31/03/2017 ***Dall'intelligenza artificiale all'empatia artificiale***, Round Table *Vivere con i robot*, Conference Series *Pomeriggi alla Minerva*, Basilica S. Maria sopra Minerva, Sala Capitolare, Rome, Italy, 1/03-27/05/2017
- 02/02/2017 ***Vivre avec les robots***, Round Table at *Humain, Post-humain, Forum Européen de Bioéthique*, 7th Edition, Grande Salle de l'Aubette, Strasbourg, France, 30/01-04/02/2017
- 01/11/2016 ***The Synthetic Method in Social Robotics: An Introduction***, ICSR 2016, Kansas City, USA, 01-03/11/2016
- 17/10/2016 ***Artificial Empathy: Introduction to An Interdisciplinary Investigation***, Robo-Philosophy 2016, University of Aarhus, Aarhus, Denmark, 17-21/10/2016
- 20/09/2016 ***Les robots parmi nous***, Round Table at *La France qui vient*, with J.P. Dupuy, L. De Toldi, G. Lagevin, P. Morand, S. Tisseron, Cité Universitaire, Paris, France 20/09/2016
- 17/09/2016 ***Mente e corpo. Prospettive delle scienze cognitive***, Master ASSIMMS, Padova, Italy, 17/09/2016
- 06/06/2016 ***Empatia artificiale: lineamenti evolutivi***, Seminari della Repubblica delle Idee, Villa Beretta Rehabilitation Centre, Costa Masnaga, Italy, 06/06/2016
- 18/05/2016 ***Il metodo sintetico per l'esplorazione scientifica della vita. Aspetti epistemologici***, with P. L. Luisi, Seminari della Società Filosofica Italiana, University of Messina, Messina, Italy, 18/05/2016

- 15/04/2016 ***The Synthetic Method: a new paradigm for the scientific exploration of the frontiers of life?***, with L. Bich, Re-Engineering Biology, Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, USA, 15-16/04/2016
- 23/02/2016 ***Unità in dialogo. Verso una visione ‘conversazionale’ della mente***, Commenter: G. Lombardi, Annual Cultural Formation Cycle *Uomo, Cultura e Scienze*, Centro Culturale Paolo VI e Istituto Alberto Magno, Rettoria di Sant’Ivo alla Sapienza, Rome, Italy, a.a. 2015/2016
- 25/09/2015 ***Il s-oggetto in riabilitazione. Prospettive dalle scienze cognitive***, Robotica e riabilitazione: la persona al centro, Istituto Agazzi, Arezzo, Italy, 25/05/2015
- 09/05/2015 ***Empatia Artificiale***, Robot: una mano per l’uomo, Tommaso d’Aquino Pontifical University, Rome, Italy, 09/05/2015
- 31/07/2014 ***Steps towards Human-Machine Affective Co-evolution***, ALIFE 14, Human-Machine Affective Coordination Workshop, Javits Center, New York, USA, 30-07/02-08/2014
- 30/07/2014 ***Synthetic Biology: What is its potential contribution to (Embodied) Artificial Intelligence?***, ALIFE 14, SB-AI 14 Satellite Workshop, Javits Center, New York, USA, 30-07/02-08/2014
- 04/12/2013 ***The Synthetic Modeling of Life and Cognition***, Part 2, ShangAI Lectures, 2013 Edition, <http://shanghailectures.org/>, 17/10-19/12/2013
- 21/11/2013 ***The Synthetic Modeling of Life and Cognition***, Part 1, ShangAI Lectures, 2013 Edition, <http://shanghailectures.org/>, 17/10-19/12/2013
- 14/09/2013 ***Autopoiesis as an Epistemological Framework for the Synthetic Modeling of Life and Cognition***, SMLC 2013, University of Bergamo, Bergamo, Italy, 12-14/09/2013
- 06/09/2013 ***What can Synthetic Biology offer to Artificial Intelligence? Focusing the Issue on Embodiment***, ECAL 2013, SB-AI Satellite Workshop, Taormina, Italy, 02-06/09/2013
- 18/08/2013 ***Artificial Empathy: An Interdisciplinary Investigation***, with Lehmann H., ICDL-Epirob 2013, Special Session on *Constructing Empathy*, Osaka Town Hall, Osaka, Japan, 18-22/08/2013
- 01/07/2013 ***Chemical communication between synthetic and natural cells: a possible experimental design***, with Rampioni G., WIVACE 2013, University of Milano Bicocca, Milano, Italy, 01-02/07/2013
- 21/02/2013 ***Embodiment and Enaction: The New Frontiers of the Mind***, Seminar at the Permanent Laboratory on the Frontiers of the Mind, University of Bergamo, Italy, 21/02/2013
- 06/12/2012 ***Enaction: models and applications***, Seminar at the Graduate School of History, Theory and Technology of Education, University of Macerata, Italy, 28-31/10/2012
- 31/10/2012 ***Should Empathic Social Robot Have Interiority?***, with P. Dumouchel, ICSR 2012, Chengdu, China, 28-31/10/2012
- 06/10/2012 ***The Synthetic Methodology: Epistemological Features of a Constructive Approach to the Scientific Exploration of Nature***, International Workshop on *The Synthetic Modelling of Life and Cognition: Epistemological, Social and Ethical Issues*, Ritsumeikan University, Kyoto, Japan, 06/10/2012
- 04/05/2012 ***Emergence versus Evolution of Life***, with L. Bich, OQOL 2012 (Open Questions on the Origins of Life International Workshop 2012), University of Leicester, Leicester, UK, 01-04/05/2012
- 01/05/2012 ***Autonomy and Universality***, with L. Bich, OQOL 2012 (Open Questions on the Origins of Life International Workshop 2012), University of Leicester, Leicester, UK, 01-04/05/2012
- 09/03/2012 ***First-person and third-person exploratory methods: towards new interdisciplinary methodologies in rehabilitation therapy design***, First Philosophical Botulinum Toxin Meeting, Villa Beretta Rehabilitation Centre, Valduce Hospital, Lecco, Italy
- 20/02/2012 ***Experimental perspectives for a chemical communication between synthetic and natural cells***, with Stano P., WIVACE 2012, University of Parma, Italy
- 01/02/2012 ***Enaction: a new framework for rehabilitation medicine?***, Seminar at the Villa Beretta Rehabilitation Centre, Valduce Hospital, Lecco, Italy

- 09/08/2011 ***Grounding Synthetic Knowledge***, with A. Hiolle and L. Cañamero, Brief presentation at ECAL 2011, Cité Universitaire, Paris, France, 8-12/08/2011
- 27/03/2011 ***La metodologia sintetica. Dialoghi tra le scienze del naturale e le scienze dell'artificiale***. Convegno Annuale dell'Associazione Italiana di Epistemologia e Metodologia Sistemica *AIEMS 2011*, Auditorium UNICEF, Rome, Italy
- 12/02/2011 ***Unità in dialogo. Genealogia e attualità di un oggetto teorico rivoluzionario***, Convegno annuale della Società Italiana di Psicoterapia Relazionale (SIPR) e dell'Istituto di Psicoterapia Relazionale di Pisa (IPR), Palazzo della Provincia, Rimini, Italy
- 15/12/2010 ***Grounding the Synthetic Methodology. An Epistemological Framework for the Synthetic Exploration of Life and Cognition***, Conferenza Triennale della Società Italiana di Logica e Filosofia delle Scienze *SILFS 2010*, University of Bergamo, Bergamo, Italy, 15-17/12/2010
- 17/09/2010 ***Artificial Empathy, Imitation and Mimesis***, Workshop *The Mechanization of Empathy in Health Care – Second Edition*, with P. Dumouchel, Università di Bergamo, Bergamo, Italy, 16-17/09/2010
- 16/09/2010 ***Artificial Empathy, Workshop The Mechanization of Empathy in Health Care – Second Edition***, with P. Dumouchel, University of Bergamo, Bergamo, Italy, 16-17/09/2010
- 31/03/2010 ***Constructing Emotions. Epistemological groundings and application in robotics for a synthetic approach to emotions***, AIBB 2010 Symposium, De Montfort University, Leicester, UK, 31/03-01/04/2010
- 18/03/2010 ***Modelli sintetici per le emozioni***. Series of Seminars *Epistemologia dell'artificiale*, Accademia delle Belle Arti di Brera, Centro di Ricerca Accademia Brera (CRAB), Milan, Italy
- 13/11/2009 ***Epigenetic Embodiment***, with P. Dumouchel, *Epirob09 (Epigenetic Robotics. Modelling of Development in Robotic Systems)*, Centro Don Orione Artigianelli, Venice, Italy, 12-14/11/09
- 15/04/2008 ***Life from Emergence to Co-Emergence. Evolution of a Descriptive Pattern in the Pioneer Research on Self-organization***, Presentation at the Symposium *Emergence in the Physical and the Biological World*, Centro E. Fermi, Erice, Italy, 12/04/2008- 16/04/2008
- 10/2007 Series of Seminars on the ***Epistemology of Cognitive Sciences*** at the Gr. School of *Core Ethics and Frontier Sciences*, Ritsumeikan University, Kyoto, Japan – 4 Seminars
- 02/2007 Series of Seminars on the ***Epistemology of Complex Systems*** at the Department of Biology, Università di Roma 3, Rome, Italy - 4 Seminars
- 06/10/2006 ***Theoretical and Artificial Construction of the Living***, with L. Bich, *OQOL (Open Questions on the Origins of Life)*, Centro E. Fermi, Erice, Italia, 02/10/2006- 06/10/2006
- 30/06/2006 ***Conversational Units- Modelling Inter-subjective Cognition, Primordial Questions on Consciousness***, Loiano, Italy, 25/06/2006-01/07/2006

8. Scientific events organized and/or chaired (Selection)

Chair and organization of the **Workshop *The Synthetic Approach to Biology and the Cognitive Sciences: Developing an Epistemology for the Synthetic Sciences of Life and Cognition*** at the conference **ALIFE 2018**

Chair/Organizing Committee: L. Damiano, P. Stano
25/07/2018, Tokyo, Japan

Chair and organization of the **Workshop *Synthetic Method and Robotic Design (SMRD 2017). A Focus on Morphology and Body Dynamics facilitating Social Interaction*** at the conference **ICDL-Epirob 2017**

Chair/Organizing Committee: L. Damiano, I. Ocnareescu
18/09/2017, Lisbon, Portugal

Chair and organization of the **Workshop *What can Synthetic Biology offer to (Embodied) Artificial Intelligence (and Vice Versa)? SB-AI 2017*** at the conference **ECAL 2017**

Chair/Organizing Committee: L. Damiano, Y. Kuruma, P. Stano

04/09/2017, Lyon, France

Chair and organization of the **Workshop *The Synthetic Method in Social Robotics (SMSR 2016)*** at the conference **ICSR 2016**

Chair/Organizer: L. Damiano
01-03/11/2016, Kansas City, USA

Chair and organization of the **Workshop *Artificial Empathy: New Frontiers*** at the conference **Robo-Philosophy 2016**

Chair/Organizing Committee: L. Damiano, P. Dumouchel, H. Lehmann
17/10/2016, Aarhus, Denmark

Chair and organization of the **Workshop *Embodiment at play***

Chair/Organizing Committee: G. Bocchi, L. Damiano, F. Morganti, A. Zatti
23/09/2016, Bergamo, Italy

Chair and organization of the **Workshop *Tecnologie assistive: metodologie in dialogo*** at the conference **CALASS 2015**

Chair/Organizing Committee: L. Damiano, R. Lusardi, S. Tomelleri
05/09/2015, Ancona, Italy

Chair and organization of the **Workshop *What can Synthetic Biology offer to (Embodied) Artificial Intelligence (and Vice Versa)? SB-AI 2015*** at the conference **ECAL 2015**

Chair/Organizing Committee: L. Damiano, Y. Kuruma, P. Stano
20/07/2015, York, UK

Organization of the **Workshop *Behavior Coordination between Animals, Humans and Robots*** at the conference **HRI 2015**

Chair/Organizing Committee: H. Lehmann, L. Damiano, L. Natale
02/03/2015, Portland, USA

Chair and organization of the **Workshop *Human-Machine Affective Coordination*** at the conference **ALIFE14**

Chair/Organizing Committee: L. Damiano, P. Dumouchel, H. Lehmann
31/07/2014, Javits Center, New York, USA

Chair and organization of the **Workshop *What can Synthetic Biology offer to Artificial Intelligence? SB-AI 2014*** at the conference **ALIFE14**

Chair/Organizing Committee: L. Damiano, Y. Kuruma, P. Stano
30/07/2014, Javits Center, New York, USA

Chair and organization of the **International Workshop *Synthetic Modeling of Life and Cognition: Open questions***

Chair/Organizing Committee: L. Damiano, V. Müller
12-14/09/2013, Bergamo, Italy

Chair and organization of the **Workshop *What can Synthetic Biology offer to Artificial Intelligence? SB-AI 2013*** at the **European Conference on Artificial Life ECAL 2013**

Organizing Committee: L. Damiano, P. Stano, Y. Kuruma
03/09/2013, Taormina, Italy

Chair and organization of the **Workshop *Constructing Empathy: An Interdisciplinary Investigation*** at **ICDL-Epirob 2013**

Organizing Committee: L. Damiano, P. Dumouchel, H. Lehmann
18/08/2013, Osaka, Japan

Chair and organization of the **Special Session *Artificial Empathy*** at the **International Conference on Social Robotics ICSR 2012**

Organizing Committee: L. Damiano, P. Dumouchel, H. Lehmann
28-31/10/2012, ICSR 2012, Chengdu, China

Chair and organization of the **International Workshop *The Synthetic Modelling of Life and Cognition: Epistemological, Social and Ethical Issues***

Organizing Committee: L. Damiano, P. Dumouchel

06/10/2012, Ritsumeikan University, Kyoto, Japan

Chair and Organization of the **Workshop *The Mechanization of Empathy in Health Care – First and Second Edition***

Organizing Committee: L. Damiano, P. Dumouchel

(1) 24/01/2009, Ritsumeikan University, Kyoto, Japan; (2) 16-17/09/2010, University of Bergamo, Bergamo, Italy

Chair and organization of the **Workshop on *Embodied cognition at Epirob09***

Organizing Committee (Workshop): L. Damiano, L. Cañamero

12-14/11/ 2009, Epirob09, Centro Don Orione Artigianelli, Venice, Italy

9. Grants, Fellowships, Scientific Awards

Grant from ELSI (Earth-Life Science Institute, Tokyo Institute of Technology, Tokyo, Japan) to fund the ECAL 2017 Satellite Workshop *What can Synthetic Biology offer to (Embodied) Artificial Intelligence (and Vice Versa)?*: € 19000

Award Grand Prix 2016 ManpowerGroup Foundation /HEC Paris (20.09. 2016, Award for the book: *Vivre avec les robots*, with P. Dumouchel, Seuil, Paris, 2016)

Grant from ELSI (Earth-Life Science Institute, Tokyo Institute of Technology, Tokyo, Japan) to fund the ECAL 2015 Satellite Workshop *What can Synthetic Biology offer to (Embodied) Artificial Intelligence (and Vice Versa)?*: € 13800

Grant from COBRA (<http://www.cobra-project.eu/>) to fund the ECAL 2013 Satellite Workshop *What can Synthetic Biology offer to Artificial Intelligence?*: € 2000

Grant from UBI Banca (Banca Popolare di Bergamo) to fund the Workshop *Synthetic Modeling of Life and Cognition: Open Questions* (SMLC 2013): € 5000

Grant from EUCog III (<http://www.eucognition.org/>) to fund the Workshop *Synthetic Modeling of Life and Cognition: Open Questions* (SMLC 2013): € 6000

Grant from COBRA (<http://www.cobra-project.eu/>) to fund research visits, AY 2012/2013: € 3500

Grant from Research Center for Ars Vivendi (Ritsumeikan University, Kyoto, Japan) to fund the Workshop *The Synthetic Modelling of Life and Cognition: Epistemological, Social and Ethical Issues*, AY 2012/2013: ¥ 100.000

Grant FYRE Project 2011 - Fostering Young Researchers – from Fondazione Cariplo (Milan, Italy), AY 2011/12: € 4500

Grant for the Artificial Empathy Project from Imitatio (San Francisco, USA), AY 2010/11: \$ 10000 (with P. Dumouchel)

Grant from Research Center for Ars Vivendi and University of Bergamo (Bergamo, Italy) to fund the Workshop *The Mechanization of Empathy in Health Care – Second Edition*, AY 2010/2011: ¥ 400.000 and € 2000

Grant from Research Center for Ars Vivendi to fund the Workshop *The Mechanization of Empathy in Health Care – First Edition* (AY 2008/2009): ¥ 600.000

Post-doctoral Fellowship from the Japan Society for the Promotion of Science (JSPS, Tokyo, Japan), AY 2007/8-2008/9: ¥ 11.925.000 (settling-in allowance: ¥ 200000; monthly maintenance allowance: ¥ 382000; monthly research support allowance: ¥ 81000; round-trip air ticket: ¥150000)

Additional Grant from JSPS for the Artificial Empathy Project (AY 2007/08- 2008/09): ¥ 700000 (AY 2007/08); ¥ 200000 (AY 2008/09)

Award Paola Maria Fiocco 2006 (Award for the best PhD thesis in the area of systemic, cognitive and social sciences) from Fondazione Campostrini (Verona, Italy): € 4000

Grant from University of Bergamo for research visits (AY 2004/5): € 2000

Grant from University of Bergamo for research visits (AY 2003/4): € 2000

Doctoral Fellowship from Fondazione Cariplo and University of Bergamo (AY 2002/03- 2004/05): € 45000

10. Teaching experience

AY 2015/2016, 2016/2017, 2017/2018, 2018/2019

Professor of *Philosophy of Science*, University of Messina, Messina, Italy

AY 2014/2015

Lecturer in *Complex Systems Theories and Methods (Teorie e Metodi della Complessità)*, University of Bergamo, Bergamo, Italy

Guest Lecturer in *Philosophy of Science*, University of Bergamo, Bergamo, Italy

AY 2013/2014

Lecturer in *Complex Systems Theories and Methods (Teorie e Metodi della Complessità)*, University of Bergamo, Bergamo, Italy

Guest Lecturer in *Philosophy of Science*, University of Bergamo, Bergamo, Italy

Guest Lecturer in *Philosophy of Science*, University of Rome Three, Department of Science, Rome, Italy

AY 2012/2013

Guest Lecturer in *Philosophy of Science*, University of Bergamo, Bergamo, Italy

AY 2011/2012

Guest Lecturer in *Philosophy of Science*, University of Bergamo, Bergamo, Italy

AY 2010/2011

Lecturer in *Philosophy of Artificial Intelligence (Embodied Artificial Intelligence)*, University of Hertfordshire, School of Computer Science, Hatfield, UK

AY 2006/2007

Guest Lecturer in *Philosophy of Science and Technology*, University of Rome Three, Department of Biology, Rome, Italy

AY 2005/2006

Guest Lecturer in *Philosophy of Science and Genetic Epistemology*, University of Bergamo, Bergamo, Italy

AY 2004/2005

Guest Lecturer in *Philosophy of Science and Genetic Epistemology*, University of Bergamo, Bergamo, Italy

AY 2003/2004

Guest Lecturer in *Philosophy of Science and Genetic Epistemology*, University of Bergamo, Bergamo, Italy

AY 2002/2003

Guest Lecturer in *Philosophy of Science* and *Genetic Epistemology*, University of Bergamo, Bergamo, Italy

AY 2001/2002

Tutor of the Course in *Philosophy of Science, Logic and Critical Thinking* for SISS (School of Specialization in High School Teaching), University Ca' Foscari, Venice, Italy

11. Editorial and Program Committee Activities

11.1 Editorial Activities

Member of the Editorial Board/Scientific Committee of the following series of books:

Complessità, Sicania (since 2017)

Cultura, Series of books, Section Logic, Philosophy, History of Science, Studium, Rome (since 2016)

GaiaMente, Series of books, Le Lettere, Florence (since 2017)

Human Perspectives in Bio-Medicine and Technology, Springer (since 2018)

Multiversità, Series of books, Aracne, Naples (since 2016)

Member of the Editorial Board of:

Adaptive Behavior, SAGE Journals (since 2018) – role: Associate Editor

International Journal of Social Robotics, Springer (since 2014) – role: Associate Editor

Reviewer for:

Adaptive Behavior (since 2018)

Artificial Life (since 2009)

Complessità (since 2017)

Connection Science (since 2016)

Constructivist Foundations (since 2016)

Interaction Studies (since 2016)

Frontiers in Robotics and AI (since 2017)

IEEE Robotics and Automation Magazine (since 2018)

IEEE Transactions on Autonomous Mental Development (since 2015)

IEEE Transactions on Cognitive and Developmental Systems (since 2016)

International Journal of Advanced Robotic Systems (since 2017)

International Journal of Social Robotics (since 2013)

Lecture Notes in Computer Science (since 2013)

Lecture Notes in Artificial Intelligence (since 2011)

Mondi Digitali (since 2017)

Naturwissenschaften (since 2010)

New Ideas in Psychology (since 2017)

Origins of Life and Evolution of Biospheres (since 2016)

Plos One (since 2018)

Synthese (since 2009)

11.2 Program Committees (International Conferences and Workshops)

ALIFE 2019 – The 2018 Conference on Artificial Life
(29.07.2019- 02.08.2019, Newcastle, UK)

AISC 2019 – Midterm Conference of the Italian Association for Cognitive Sciences (AISC)
(22-24.05.2019, Lucca, Italy)

ALIFE 2018 – The 2018 Conference on Artificial Life
(23.07.2018- 27.07.2018, Tokyo, Japan)

AISC 2017 – The 14th Annual Conference of the Italian Association for Cognitive Sciences (AISC)
(14-16.12.2017, Bologna, Italy)

IROS 2017 – EIEEE/RSJ International Conference on Intelligent Robots and Systems
(24.09.2017- 28.09.2017, Vancouver, Canada)

ICSR 2016 – The 8th International Conference on Social Robotics
(01.11.2016- 03.11.2016, Kansas City, USA)

AISC 2016 – The 13th Annual Conference of the Italian Association for Cognitive Sciences (AISC)
(24.11.2016- 26.11.2016, Torino, Italy)

Fifth International Symposium on New Frontiers in Human-Robot Interaction at AISB 2016
(05.04.2016-06.04.2016, Sheffield, UK)

HRI 2016 – The 11th ACM/IEEE International Conference on Human-Robot Interaction
(07.03.2016- 10.03.2016, Christchurch, New Zeland)

IEEE RO-MAN 2015 – The 24th IEEE International Symposium on Robot and Human Interactive Communication
(31.08.2015- 04.09.2015, Kobe, Japan)

Fourth International Symposium on New Frontiers in Human-Robot Interaction at AISB 2015
(20.04.2015- 22.04.2015, Canterbury, UK)

IEEE RO-MAN 2014 – The 23rd IEEE International Symposium on Robot and Human Interactive Communication
(25.08.2014- 29.08.2014, Edinburgh, UK)

ALIFE 2014 – The 14th International Conference on the Synthesis and Simulation of Living Systems
(30.07.2014- 02.08.2014, Javits Center, New York, USA)

Third International Symposium on New Frontiers in Human-Robot Interaction at AISB 2014
(01.04.2014-02.04.2014, Goldsmiths, University of London, UK)

SMLC 2013 - Synthetic Modeling of Life and Cognition: Open Questions
(12.09.2013-14.09.2013, University of Bergamo, Bergamo, Italy)

The Synthetic Modelling of Life and Cognition: Epistemological, Social and Ethical Issues

(06.10.2012, Ritsumeikan University, Kyoto, Japan)

11.3 Program Chairs (International Conferences and Workshops)

Workshop Chair, ICSR 2019 – The 11th International Conference on Social Robotics
(xy.11.2019, Madrid, Spain)

12. Reviewer for Funding Agencies

12.1 Reviewer for Funding Agencies

Marsden Fund Council, Royal Society Te Apārangi, Wellington, New Zealand
(2018)

Paris Institute for Advanced Studies, Paris, France
(2018)