CURRICULUM VITAE
of
Ivan Colagè, PhD

PERSONAL INFORMATION

Born in Rieti (Italy), on February the 22nd, 1979
Married with two daughters
E-mail: i.colage@pusc.it



CURRENT POSITIONS/APPOINTMENTS

- Director of the *DISF Research Centre* at the Pontifical University of the Holy Cross, Rome.
- Associate Professor of Logic, Philosophy of Mind and Philosophy of Science, Faculty of Philosophy, Pontifical University of the Holy Cross, Rome.
- Visiting Professorship at PACEA, CNRS and University of Bordeaux, Frace (1 month per year).
- Fellow of the *International Society for Science & Religion*.
- Co-Editor of the *Interdisciplinary Encyclopedia of Religion & Science* (inters.org/interdisciplinary-encyclopedia).

EDUCATION

2010 **Premio Bellarmino 2010** (Awarded by the Pontifical Gregorian University for the best PhD thesis of the year).

2009 **PhD in Philosophy,** Pontifical Gregorian University (*Summa cum Laude*). Thesis, in Italian, titled: *Interazione e inferenza. Epistemologia scientifica ispirata al pensiero di C. S. Peirce* (Interaction and Inference. Scientific Epistemology Inspired by the Thought of C. S. Peirce). Published by G&B press, Rome 2010.

2006 **Degree in Philosophy**, University of "Roma Tre", Rome (110/110 e lode). Thesis in Italian titled: *Causalità probabilistica: probabilità condizionali e interventi effettivi* (Probabilistic causality: conditional probabilities and actual interventions).

2004 **License in Philosophy**, Pontifical Gregorian University, Rome (*Summa cum Laude*).

2000 **Bachelor in Philosophy,** Pontifical Gregorian University, Rome.

BIBLIOMETRICS

Google Scholar
Total citations: **893**
h-index: **11**
i10-index: **16**

ResearchGate
Total citations: **760**
h-index: **12**

LANGUAGES (CERF Levels)
Italian: native speaker

Other languages

English	**French**	**Spanish**
Reading: C1	Reading: B1	Reading: A2
Writing: C1	Writing: -	Writing: -
Oral Interaction: C1	Oral Interaction: A2	Oral Interaction: A1

RESEARCH

Research grants

2025- **Project Leader** of the Internal Research Grant by the Pontifical University of the Holy Cross titled *A cross-disciplinary inquiry into human creativity* – PRI-HCR (65,100.00 EUR).

2016-2017 **Project Leader** of the Research Project *The Human Being between Tradition and New Sciences: Becoming more and more human*, hosted by the Pontifical Antonianum University in Rome, with the support of the "Associazione Scienza e Fede" of Rome (10,000.00 EUR).

2013-2015 **Project Leader** of the Research Project *The Human Specificity: Tools, Symbols and Culture among Neuroscience, Philosophical Anthropology and the Religious Attitude towards Creation*. Hosted by the Pontifical University Antonianum in Rome, and funded by the **John Templeton Foundation** (Grant no. 40527; 148,280.00 EUR).

2008-2019 **Member** of the Research Group on "Experiments on Planarians Regeneration in Space". With the participation of the Genetics Laboratory of the University of Barcelona (Prof. E. Salò). Project approved and partially funded by the **European Space Agency** (50,000.00 EUR).

2008-2010 **Member** of the Research Group on "*Endogenous Processes and Causation in Brain and Behavioral Sciences*". With the participation of: M. Arbib (USC Neuroscience, Los Angeles), J. P. Changeux (Pasteur Institute, Paris), A. and H. Damasio (USC Neuroscience, Los Angeles), M. Jeannerod (Claude Bernard University, Lyon), M. Raichle (Washington University in St Louis), W. Singer (Max Plank Institute for Brain research). Funded by the **John Templeton Foundation** (93,000.00 USD).

2007-2008 **Member** of the Research Group on "*Top-Down Causation by Information Control*" at the Specialization "Science and Philosophy" of the Pontifical Gregorian University. With the participation of G. Ellis (Cape Town University) e Luc Jaeger (UCSB). Funded by the **CTNS-STARS** of Berkeley, CA (20,000.00 USD).

Research interests

- Cultural and biological evolution
- Anthropology, neuroscience and cognitive processes: relationships between brain architecture and cultural dynamics
- Science & Theology, "human uniqueness" and "integral ecology"
- Cell biology, emergence and top-down causation
- Epistemology and Philosophy of science

PUBLICATIONS

Summary

- Author or Editor of 5 books;
- Author or co-author of 48 journal articles;
- Author or co-author of 26 book chapters.

Full list of publications

F. d'Errico, I. **Colagè**, "The impact of climate change on the evolution ofcultural transmission in the human lineage", *Evolutionary Human Sciences* (2026): 10.1017/ehs.2026.10068

F. d'Errico, I. **Colagè**, L.M. Straffon, A. Bender, "The emergence and complexification of symbolic practices in the Homo lineage: an archaeological and cognitive perspective", *Journal of the Royal Anthropological Institute* (2026): 10.1111/1467-9655.70189

I. **Colagè**, "Immaginando: il 2026", Editorial Jan. 2026 on disf.org: https://disf.org/editoriali/2026-01

P. Ellerani, I. **Colagè**, N. Del Maschio, G. Buccino, "The role of sensorimotor experience and embodiment in education: evidence from neuroscience and a historical perspective", submitted to *RIFL* 2/2025: 187-212.

I. **Colagè**, F. d'Errico, "Proximate-ultimate causation in human evolution: Implications form Archaeology", in M. Lequin, J.M. Rodríguez Caso (Eds.), *The Field of Human Evolution Viewed from Critical History and Epistemology*, Springer Nature 2026, pp. 209-239.

F. d'Errico, A. Meneganzin, I. **Colagè**, "Scaffolding minds: Collective Intelligence trough Space, Body and Material Symbols", submitted to *Phil. Trans. R. Soc. B.* 381 (2025): 20240448.

C. Tagliapietra, I. **Colagè**, "Transforming the World: The Science and Theology of Human-Environment Complementarity", *Theology and Science* 23/4 (2025): 834-849.

F. d'Errico, I. **Colagè**, L.M. Straffon, A. Bender, "The emergence and complexity of symbolic practices: an archaeological perspective and implications for religion", in *Symbols, Myths and Religious Sense in Humans since the First*, CNRS and Pontifical Academy of the Sciences, Paris – Vatican City, 2025 (in press).

I. **Colagè**, F. d'Errico, "An empirically-based scenario for the evolution of cultural transmission in the human lineage during the last 3.3 million years", *PLoS One* 20/6 (2025): e0325059.

I. **Colagè**, "Libertà tra immaginazione, assenso e azione: un proposta interdisciplinare", in C. Calì, P. Iadaresta (Eds.), Aperti al mondo e liberi di scegliere, EDUSC, Roma 2025, pp. 195-217.

I. **Colagè**, "Vent'anni di problemi e soluzioni: la Scuola Internazionale Superiore per la Ricerca Interdisciplinare", Editorial June 2025 on *disf.org*: https://disf.org/editoriali/2025-06

I. **Colagè**, "Cognizione animale e intelligenza umana: dai pesci ai primati", in I. **Colagè**, R. Mona (Eds.), *Origins. Le grandi domande su cosmo vita e intelligenza nella scienza, nella filosofia e nelle culture*, EDUSC, Roma 2024, pp. 211-244.

I. **Colagè**, R. Mona (Eds.), *Origins. Le grandi domande su cosmo vita e intelligenza nella scienza, nella filosofia e nelle culture*, EDUSC, Roma 2024.

C. Tagliapietra, I. **Colagè**, S.L. Guglielmino, M. Vanzini, Introduction to the Special Issue "Theology, the Sciences and the Human Quest for Interdisciplinarity: Introduction: Essays in Honor of Giuseppe Tanzella-Nitti", *Annales theologici* 2/38 (2024): 347-356

I. **Colagè**, S. Oliva, F. d'Errico, "Rewriting the environment, remaking humanity: niche construction, creativity, and cultural evolution", *VERSUS* 53/1 (2024): 25-38.

I. **Colagè**, "Anarchismo o progresso? Paul K. Feyerabend a 100 anni dalla nascita", Editorial May 2024 on *disf.org*: https://disf.org/editoriali/2024-05

C. Tagliapietra, I. **Colagè**, G. Buccino, "Grasping abstract notions via embodied language in Mark's Gospel", *Rivista Italiana di Filosofia del Linguaggio*, 17/1 (2023): 120-134.

S. Oliva, I. **Colagè**, "*Sensum communis*: An aesthetic 'precursor' for embodied language and cognition", *Reti, Saperi, Linguaggi*, 1/2023, 12 (23): 67-84.

I. **Colagè**, F. d'Errico, "The roots of creativity: investing in cultural transmission", *Acta Philosophica* 32-1 (2023): 95-116.

F. d'Errico, I. **Colagè**, "The emergence of symbolic cognition", in M. Skov, M. Nadal (eds.), *The Routledge International Handbook of Neuroaesthetics*, Routledge, London & New York 2023, pp. 539-554.

I. **Colagè**, "La verità scientifica in prospettiva interattiva e diacronica", in C. Tagliapietra, G.M. Arrigo (a cura di), *Dove abita la verità? Riflessioni sul vero e sul falso nell'epoca contemporanea*, EDUSC, Roma 2023, pp. 31-53.

I. **Colagè**, "A 100 anni dalla nascita di Thomas Kuhn: le dimensioni storica e personale della scienza", Editorial Sept. 2022 on *disf.org*: https://disf.org/editoriali/2022-09/

I. **Colagè**, S. Oliva, "Cultural evolution vs racism. Cultural transmission and shared background at the core of human onenness", *Africa e Mediterraneo* 96 (2022): 28-35.

G. Buccino, I. **Colagè**, "Grounding abstract concepts and beliefs into experience: The embodied perspective", *Frontiers in Psychology* **13** (2022): 943765 (Doi: 10.3389/fpsyg.2022.943765)

I. **Colagè**, "Human-Environment Relationships: Culture and Pedagogy", *Encyclopedia Pub*, 2022: 21088. https://encyclopedia.pub/21088

I. **Colagè**, "Gregor Mendel e la genetica, tra scoperta e "invenzione", a 200 anni dalla nascita", Editoriale giugno 2022 per *disf.org*: https://disf.org/editoriali/2022-06/

G. Buffon, I. **Colagè**, "Pedagogical Ecology for an Alternative Sustainability: With Insights from Francis of Assisi and Contemporary Life Sciences", *Sustainability* **14** (2022): 1395. https://doi.org/10.3390/su14031395

F. d'Errico, I. **Colagè**, "I meccanismi che hanno permesso lo sviluppo della creatività umana" [The mechanisms that allowed the development of human creativity], Aa.Vv., *La creatività: biologia, psicologia, struttura del processo creativo*, Accademia Nazionale dei Lincei, Atti dei convegni Lincei 336, Bardi Edizioni, Roma 2020, pp. 57-68.

I. **Colagè**, "I motivi della cultura dalla preistoria alle scoperte scientifiche" [The whys and wherefores of culture from prehistory to scientific discoveries], in I. Colagè (ed.) *Allargare gli orizzonti del pensiero*. *Scommettere sulla cultura tra specializzazione e interdisciplinarità*, Orthotes, Napoli-Salerno 2020, pp. 85-111.

I. **Colagè** (ed.), *Allargare gli orizzonti del pensiero. Scommettere sulla cultura tra specializzazione e interdisciplinarità* [Broadening the horizons of thought: Focusing on culture between specialization and interdisciplinarity], Orthotes, Napoli-Salerno 2020.

I. **Colagè**, "Dalla pedagogia ecologica all'ecologia pedagogica" [From ecological pedagogy to pedagogical ecology], *Educatio Catholica* **6**/3 (2020): 153-162.

I. **Colagè**, "Educazione integrale tra ecologia e antropologia: prospettive bio-culturali" [Integral education between ecology and anthropology: bio-cultural perspectives], *Antonianum periodicum trimestre* **95**/1 (2020), 51-69.

E. Mellet, I. **Colagè**, A. Bender, C.S. Henshilwood, K. Hugdahl, T.C. Lindstrøm, d'Errico F., "What processes sparked off symbolic representations? A reply to Hodgson", *Journal of Archaeological Sciences: Reports* (2019), DOI: 10.1016/j.jasrep.2019.102043

G. Buccino, I. **Colagè**, F. Silipo, P. D'Ambrosio, "The Concreteness of Abstract Language: An Ancient Issue and a New Perspective", *Brain Structure and Function* **224** (2019): 1385-1401. DOI 10.1007/s00429-019-01851-7.

N. de Sousa, G. Rodriguez-Esteban, I. **Colagè**, P. D'Ambrosio, J.J.W.A. van Loon, E. Saló, T. Adell, G. Auletta, "Transcriptomic Analysis of Planarians under Simulated Microgravity or 8g Demonstrates That Alteration of Gravity Induces Genomic and Cellular Alterations That Could Facilitate Tumoral Transformation", *International Journal of Molecular Sciences* **20** (2019), 720. doi:10.3390/ijms20030720.

F. d'Errico, I. **Colagè**, "Cultural Exaptation and Cultural Neural Reuse: A mechanism for the emergence of modern culture and behaviour", *Biological Theory* 13 (2018):213-227. DOI: 10.1007/s13752-018-0306-x.

I. **Colagè**, F. d'Errico, "Culture: the driving force of human cognition", *Topics in Cognitive Science* 12 (2018): 654-672. DOI: 10.1111/tops.12372.

I. **Colagè**, "100 anni dal Premio Nobel a Max Planck: celebrare uno scienziato dalla ragione aperta": http://www.disf.org/editoriali/2018-11.

F. d'Errico, L. Doyon, I. **Colagè**, A. Queffelec, E. Le Vraux, G. Giacobini, B. Vandermeersh, B. Meureille, "From number sense to number symbols. An archaeological perspective", *Philosophical Transactions of the Royal Society of London B* (2017) **373**: 20160518.

I. **Colagè**, "Theology looking at culture through the lenses of science", in Fuller M., et al. (eds.) *Issues in Science and Religion: Are We Special?*, Springer International Publishing AG, 2017, pp.137-155.

P. D'Ambrosio, I. **Colagè**, "Extending epigenesis: From phenotypic plasticity to the bio-cultural feedback", *Biology & Philosophy* (2017) **32**(5): 705-728.

G. Buffon, P. Cancelli, A. Clemenza, I. **Colagè**, M. Guida, S. Oppes, F.J. Regordán, N. Riccardi, C. Salto Solá, "Inclusività e integralità a partire da Francesco e dalla Laudato si'. Spunti programmatici dalla Pontificia Università Antonianum", *Antonianum* **92** (2017), 389-438.

G. Buccino, I. **Colagè**, "New concepts on the motor system. Implications for emotions and creditions". In: Angel H-F., Oviedo L., Paloutzian R., Runehov A.L.C., Seitz R.J. (Eds), *Process of Believing: The Acquisition, Maintenance, and Change in Creditions*, Springer 2017, 97-109.

I. **Colagè**, N. Gobbi, "Credition and Self-Identity: Embodiment Between Actions and (Life) Decisions". In: Angel H-F., Oviedo L., Paloutzian R., Runehov A, Seitz R.J. (Eds), *Process of Believing: The Acquisition, Maintenance, and Change in Creditions*, Springer 2017, 247-262.

I. **Colagè**, N. Gobbi, "From distributed soul to relational, dynamical and distributed self-narratives", *Reti, saperi, linguaggi*, 2/2016: 253-260. DOI: 10.12832/85414

I. **Colagè**, G. Buccino, "Il linguaggio e l'esperienza: dalle neuroscienze all'ambiente naturale e culturale", *Antonianum* **91** (2016): 1047-1061.

P. D'Ambrosio, I. **Colagè**, "La cura e la scienza: prospettive biologiche, antropologiche e culturali", *Antonianum* **91** (2016): 1021-1046.

G. Buccino, **I. Colagè**, N. Gobbi, G. Bonaccorso, "Grounding meaning in experience: A broad perspective on embodied language", *Neurosci. and Biobehav. Reviews* **69** (2016): 69-78.

I. **Colagè**, "Il «riutilizzo neurale culturale»: la cultura umana tra scienze naturali e teologia", *Ricerche Teologiche* **27** (2016): 269-295.

I. Colagè, "The cultural evolution of language: Insights form recent hypothesis", *ESSSAT News & Reviews* **26**/2 (June 2016): 5-18.

I. Colagè, "Sociality, Brain, Evolution and Culture: The Human Specificity and the *Imago Dei* Doctrine. Towards a Working Conceptual Framework", *Studies in Science and Theology* **15** (2016): 4-26.

I. Colagè, "La scienza odierna verso l'uomo situato e pluridimensionale", in Hernández Vidales A. (Ed.), *Francescanesimo e mondo attuale: stile di vita francescana. Miscellanea in onore di José Antonio Merino Abad, OFM*, Antonianum, Rome, 2016, pp. 101-130.

I. Colagè, "The cultural evolution of language and brain: Comment on "Towards a Computational Comparative Neuroprimatology: Framing the language-ready brain" by Michael A. Arbib", *Physics of Life Reviews* (2016), DOI: http://dx.doi.org/10.1016/j.plrev.2015.09.003

I. Colagè, "Culture between the sciences and theology. Towards the current research in human uniqueness", *Antonianum* **90**(4): 733-756 (2015).

I. Colagè, "Introduzione. Temi di antropologia tra scienza, filosofia e teologia", *Antonianum* **90**(4): 699-705 (2015).

I. Colagè, L. Oviedo, "Cultural influences on the brain: Science and theology on human specificity", *Open Theology Journal* **1**: 354-365 (2015).

I. Colagè, "The Human Being Shaping and Transcending Itself: Written Language, Brain, and Culture", *Zygon: Journal of Religion & Science* **50**(4): 1002-1021 (2015).

L. Oviedo, **I. Colagè**, "Human specificity and recent science: communication, language, culture", *ESSSAT News & Reviews* **25**(2), June 2015: 5-26.

I. Colagè, P. D'Ambrosio, "Exaptation and neural reuse: A research perspective into the human specificity", *Antonianum* **89**(2-3): 333-358 (2014).

I. Colagè, "Review of P. Lieberman's *The Unpredictable Species*", *ESSSAT News & Reviews* 24(2): 31-34

G. Auletta, **I. Colagè**, L. Torcal, "A Response to Russell's Response", *Theol. & Sci.* **12**: 172-173.

G. Auletta, **I. Colagè**, L. Torcal, "Discontinuity and continuity between present creation and New Creation. A review of Robert J. Russell's *Time and Eternity*", *Theol. & Sci.* **12**(1): 81-89.

I. Colagè, "Prospective Fruitfulness as a Criterion for Theory-Change and Research-Strategy Option", *Comprendre, revista catalana de filosofia* **16**(1): 61-86 (2014).

I. Colagè, "From Mirror Neurons to Human Culture … and Back Again to the Human Brain. Human Uniqueness among Language, Empathy, and Social Cognition", [paper draft for the ESSSAT Conference 2014 in Assisi, Italy]: 2014 ESSAT Conference book, pp. 65-72.

I. Colagè, "Philosophy of Language", in: Runehov A., Oviedo L., (ed.), *Encyclopedia of Sciences and Religions*, Springer, 2013, pp. 1675-84.

G. Auletta, **I. Colagè**, P. D'Ambrosio, "A Critical Assessment of Transhumanism", *Acta Philosophica* **2**(22), (2013): 327-48.

I. Colagè, "Human specificity: recent neuro-scientific advances and new perspectives", *ESSSAT News & Reviews*, 23-2 (June 2013): 5-19.

G. Auletta, **I. Colagè**, M. Jeannerod (eds.), *Brains Top Down. Is Top-Down Causation Challenging Neuroscience?*, World Scientific, Singapore 2013.

G. Auletta, **I. Colagè**, "Consciousness and the global neuronal workspace hypothesis: From bottom-up to top-down causation and vice versa", in G. Auletta, **I. Colagè**, M. Jeannerod (eds.), *Brains Top Down. Is Top-Down Causation Challenging Neuroscience?*, World Scientific, Singapore 2013, pp. 235-72.

G. Auletta, **I. Colagè**, "The neural basis of consciousness and the issue of top-down causation. Notes by Gennaro Auletta and Ivan Colagè on Antonio Damasio's contribution", in G. Auletta, **I. Colagè**, M. Jeannerod (eds.), *Brains Top Down. Is Top-Down Causation Challenging Neuroscience?*, World Scientific, Singapore 2013, pp. 89-101.

G. Auletta. **I. Colagè**, M. Jeannerod, "Top-down causation in Cognitive Science?" in G. Auletta, **I. Colagè**, M. Jeannerod (eds.), *Brains Top Down. Is Top-Down Causation Challenging Neuroscience?*, World Scientific, Singapore 2013, pp. 349-354.

I. Colagè, "Le scienze naturali e la filosofia della natura: alcune riflessioni epistemologiche", in G. Auletta, P. D'Ambrosio, S. Pons (eds.), *Si può parlare oggi di una finalità nell'evoluzione?, Riflessioni filosofiche e teologiche alla luce della scienza contemporanea*, G&B press, Roma 2013, pp. 59-79.

G. Auletta, **I. Colagè**, P. D'Ambrosio, "The Game of Life Implies both Teleonomy and Teleology", in P. R. Sloan, G. McKenny and K. Eggleson (eds.), *Darwin in the Twenty-First Century: Nature, Humanity and God*, University of Notre Dame Press, in press. [Preprint in appendix to G. Auletta, S. Pons (eds.), *Si può parlare oggi di una finalità nell'evoluzione?*, G&B press, Roma 2013, pp. 267-84.]

G. Auletta, T. Adell, **I. Colagè**, P. D'Ambrosio, E. Salò, "Study on Planarian *Schmidtea mediterranea*'s Establishment of the Anterior-Posterior Axis in Altered Gravity Conditions", *Microgravity – Science and Technology* **24** (2012): 419-25.

G. Auletta, in collaboration with **I. Colagè**, P. D'Ambrosio and L. Torcal, *Integrated Cognitive Strategies in a Changing World*, G&B press 2011.

G. Auletta, **I. Colagè**, "Introductory Essay on *Towards a Theology of Nature: Essays on Science and Faith* by Wolfarth Pannenberg", in Parnab K. Das II (ed.), *A Companion to the ISSR Library of Science and Religion*, Cambridge, ISSR, pp. 167-168.

G. Auletta, **I. Colagè**, G. Cook, P. D'Ambrosio, M. Ramón, A. Pinsent, "Functional equivalence between plant PRORP1 and bacterial RNase P RNA raises questions on control and recognition mechanisms", *Journal of Computational Biology and Bioinformatics Research* **3** (2011): 63-64.

I. Colagè, *Interazione e Inferenza. Epistemologia scientifica ispirata al pensiero di Ch. S. Peirce*, (Interaction and Inference. Scientific Epistemology Inspired by the Thought of C. S. Peirce) G&B press, Rome 2010. [Published PhD thesis]

V. Fano and **I. Colagè**, "Teologia e Scienza: quale dialogo?" ("Theology and Science: Which Dialogue?"), *Hermeneutica* (Nuova Serie) 2008, pp. 301-323

I. Colagè and G. Tarozzi, "Realismo scientifico e realismo empirico: è possibile discriminare sperimentalmente nel caso dell'interpretazione della Meccanica quantistica?", in Alai M. (ed.), *Il realismo scientifico di Evandro Agazzi*, Urbino 2009, pp.131-156.

I. Colagè, "Experiments and Causality", in Auletta, G. (ed.), *The Relationships between Science and Philosophy: New Opportunities for a Fruitful Dialogue*, Vatican City, LEV & Notre Dame University Press 2008, pp. 157-179.

I. Colagè, "Between Realism and Instrumentalism: Description, Interaction and Truth", in: Auletta, G. (ed.), *The Controversial Relationships between Science and Philosophy: A Critical Assessment*, Vatican City: LEV 2006, pp. 303-314.

TEACHING AND PROFESSIONAL EXPERIENCES

2025-2026	○ **Coordinator** of the *Sixth Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical University of the Holy Cross, and the Tangaza University in Nairobi, Kenya. ○ Courses of Logic, Philosophy of Mind and Philosophy of Science, Faculty of Philosophy, Pontifical University of the Holy Cross, Rome.
2024-2025	○ **Coordinator** of the *Fifth Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical University of the Holy Cross, and the Tangaza University in Nairobi, Kenya. ○ Courses of Logic, Philosophy of Mind and Philosophy of Science, Faculty of Philosophy, Pontifical University of the Holy Cross, Rome.
2023-2024	○ **Coordinator** of the *Fourth Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical Antonianum University and the Tangaza University College in Nairobi, Kenya. ○ Courses of Logic, Philosophy of Mind and Philosophy of Science, Faculty of Philosophy, Pontifical University of the Holy Cross, Rome.
2022-2023	○ **Coordinator** of the *Third Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical Antonianum University and the Tangaza University College in Nairobi, Kenya. ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ **Member** of the staff of the *Professional Diploma in Integral Ecology***,** Pontifical Antonianum University ○ Course of **Logic** (3 ECTS), Pontifical University of the Holy Cross of Rome.

	○ Course of **Philosophy of Mind** (3 ECTS) Pontifical University of the Holy Cross of Rome. ○ Course of **Philosophy of Nature** (basic and advanced modules – 10 ECTS), Pontifical University Antonianum of Rome.
2021-2022	○ **Member** of the staff for the production of the website ***DISF Educational***, dedicated to the promotion of the *relationships between science and Christian faith in secondary schools*, at the DISF Centre, Pontifical University of the Holy Cross, Rome. ○ **Coordinator** of the *Third Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical Antonianum University and the Tangaza University College in Nairobi, Kenya. ○ **Coordinator** of the Research Project "*Towards an International Network for Integral Ecology*", hosted by the Pontifical Antonianum University of Roma. ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ Course of **Logic** (basic and advanced modules – 10 ECTS), Pontifical University Antonianum of Rome. ○ Course of **Logic** (3 ECTS), Pontifical University of the Holy Cross of Rome. ○ Course of **Logic** (5 ECTS), Pontifical Athenaeum Angelicum, Rome. ○ Courses on ***Ecology*** and ***Technique*** (3+3 ECTS) for the License (MA degree) in Philosophy, Pontifical University Antonianum of Rome. ○ Course of **Philosophy of Science and of Nature** (5 ECTS), Pontifical Athenaeum Angelicum, Rome. ○ Course of **Philosophy of Mind** (3 ECTS) Pontifical University of the Holy Cross of Rome.
2020-2021	○ **Member** of the Commission for the elaboration of the ***5-year strategic plan*** of the Pontifical Antonianum University, Rome. ○ **Member** of the group for designing and planning the *License in Philosophy with specialization in Integral Ecology* at the Pontifical Antonianum University, Rome. ○ **Member** of the staff for the production of the website ***DISF Educational***, dedicated to the promotion of the *relationships between science and Christian faith in secondary schools*, at the DISF Centre, Pontifical University of the Holy Cross, Rome. ○ **Coordinator** of the *Second Training Course for the Leaders of* ***Talitha Kum***, organized by the UISG, the Pontifical Antonianum University and the Tangaza University College in Nairobi, Kenya. ○ **Coordinator** of the Research Project "*Towards an International Network for Integral Ecology*", hosted by the Pontifical Antonianum University of Roma. ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ Course on ***"Education as an interdisciplinary anthropological dimension"*** (3 ECTS), at the Pontifical University Antonianum, Rome; ○ Course (together with G. Buffon) on "Nature and environment in the Educational Covenant" (3 ECTS), Pontifical University Antonianum, Rome; ○ Course of **Philosophy of Nature** (basic and advanced modules – 10 ECTS), Pontifical University Antonianum of Rome. ○ Lectures at RUI residences Torrescalla, Milan (online, Nov. 23, 2020) Torriana, Milan (online, March 9, 2021) and Castelbarco, Milan (online, March 29, 2021), all on anthropological and ecological topics.

2019-2020	○ **Member** of the Commission for the elaboration of the ***5-year strategic plan*** of the Pontifical Antonianum University, Rome. ○ **Member** of the group for designing and planning the *License in Philosophy with specialization in Integral Ecology* at the Pontifical Antonianum University, Rome. ○ **Coordinator** of the *Second Training Course for the Leaders of Talitha Kum*, organized by the UISG, the Pontifical Antonianum University and the Tangaza University College in Nairobi, Kenya. ○ **Coordinator** of the Project *Humanitarian Care for Faith-Based Organizations*, promoted by the Pontifical Antonianum University of Roma. ○ **Coordinator** of the Research Project "*Towards an International Network for Integral Ecology*", hosted by the Pontifical Antonianum University of Roma. ○ Course of **Logic** (basic and advanced modules – 10 ECTS) at the Pontifical University Antonianum of Rome; ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ Course on **"Language as an interdisciplinary anthropological dimension"**, at the Pontifical University Antonianum, Rome.
2018-2019	○ **Coordinator** of the *First Training Course for the Leaders of Talitha Kum*, organized by the UISG and the Pontifical Antonianum University; ○ **Coordinator** of the Research Project "*Towards an International Network for Integral Ecology*", hosted by the Pontifical Antonianum University of Roma. ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ Course on **"Integral Anthropology"**, within the Diploma in Integral Ecology at the Pontifical University Antonianum, Rome; ○ Course on **"Culture as an interdisciplinary anthropological dimension"**, at the Pontifical University Antonianum, Rome; ○ Course of **Philosophy of Nature** (basic and advanced modules – 10 ECTS) at the Pontifical University Antonianum of Rome; ○ Lectures at RUI residences in Milan (Torrescalla – Nov. 11, 2018 and March 4, 2019) and Rome (Celimontano – Nov. 12, 2018 – and Porta Nevia – Apr. 7, 2019) on anthropological and ecological topics.
2017-2018	○ **Coordinator** of the *First Training Course for the Leaders of Talitha Kum*, organized by the UISG and the Pontifical Antonianum University. ○ **Coordinator** of the Research Project "*Towards an International Network for Integral Ecology*", hosted by the Pontifical Antonianum University of Roma; ○ **Coordinator** for the Pontifical Antonianum University of the *Joint Diploma in Integral Ecology*, promoted by the Pontifical Universities in Rome; ○ Course of ***Logic***, at the Pontifical University Antonianum, Rome; ○ Course on **"Sociality as an interdisciplinary anthropological dimension"**, at the Pontifical University Antonianum, Rome; ○ Course of ***Philosophical Cosmology*** at the Pontifical Theological Faculty "Seraphicum", Rome.
2016-2017	○ Course on "***From natural to anthropological sciences***", at the Pontifical University Antonianum, Rome; ○ Course of ***Philosophy of Nature***, Pontifical University Antonianum, Rome.

2015-2016	○ **Research Project Director** of *The Human Specificity: Tools, Symbols and Culture among Neuroscience, Philosophical Anthropology and the Religious Attitude towards Creation*. Funded by the John Templeton Foundation. ○ Course of ***Logic***, at the Pontifical University Antonianum, Rome; ○ Course on "***Innovation and conservation: Science, culture, biology***", at the Pontifical University Antonianum, Rome; ○ Course of ***Philosophical Cosmology***, Pontifical Faculty Seraphicum, Rome.
2014-2015	○ **Project Director** of the Research Project *The Human Specificity: Tools, Symbols and Culture among Neuroscience, Philosophical Anthropology and the Religious Attitude towards Creation*. Funded by the John Templeton Foundation. ○ Course on **"*Ch. S. Peirce: reality and truth*"**, at the Pontifical University Antonianum, Rome; ○ Course of ***Philosophy of Science***, at the Theological Faculty Seraphicum, Rome.
2013-2014	○ **Project Director** of the Research Project *The Human Specificity: Tools, Symbols and Culture among Neuroscience, Philosophical Anthropology and the Religious Attitude towards Creation*. Funded by the John Templeton Foundation. ○ Course on "***Anthropology. From culture to 'neural reuse': a perspective on the interaction between culture and brain***", at the Pontifical University Antonianum, Rome; ○ Course of ***Logic***, at the Pontifical University Antonianum, Rome; ○ Course of ***Philosophical Cosmology*** at the Theological Faculty Seraphicum, Rome.
2012-2013	○ Course on **"*To Save the Phenomena* by Pierre Duhem"** at the Pontifical Gregorian University, Rome ○ Course of ***Philosophy of Science*** at the Pontifical Theological Faculty Seraphicum, Rome.
2011-2012	○ Course of ***Logic*** at the Pontifical University Antonianum, Rome. ○ Course on "***Scientific Truth: history and practice of science***" at the Pontifical Gregorian University, Rome. ○ Course of ***Philosophical Cosmology*** at the Pontifical Theological Faculty Seraphicum, Rome.
2010-2011	Course of ***Philosophy of Science*** at the Pontifical Theological Faculty Seraphicum, Rome.
2009-2010	○ Course of ***Logic*** at the Pontifical University Antonianum, Rome. ○ Course of ***Philosophical Cosmology*** at the Pontifical Theological Faculty Seraphicum, Rome.
2008-2010	**Secretary** of the Specialization "Science and Philosophy", Pontifical Gregorian University, Faculty of Philosophy. Funded by the John Templeton Foundation within the framework of the *STOQ Project.*
2008-2009	Course of ***Philosophy of Science*** at the Pontifical Theological Faculty Seraphicum, Rome.
2007-2008	Course of ***Philosophical Cosmology*** at the Pontifical Theological Faculty Seraphicum, Rome.
2006-2007	Course of ***Philosophy of Science*** at the Pontifical Theological Faculty Seraphicum, Rome.

2005-2006	Course of ***Philosophical Cosmology*** at the Pontifical Theological Faculty Seraphicum, Rome.

CONFERENCES AND EVENTS

2026. Organizer and speaker of the SISRI Summer Camp ***Creativity, research and interdisciplinarity***, July 25-30, Prati di Tivo (TE).

2026. Talk on *Evolutionary convergences and forms of knowledge of nature* (with Gennaro Luise, presenter) at the conference **Nature lost, nature regained**, June 25, Pontifical University of the Holy Cross, Rome.

2026. Lecture on *Learning to think integral*, at the **6th Training Course for the Leaders of Talitha Kum**, June 26, Bangkok, Thailand.

2026. Short talk (with F. d'Errico, C. Tagliapietra and D. Angelini) on *The evolution of human cooperation: a data-driven archaeological study*, at the **Conference of the Cultural Evolution Society**, May 11-13, Rabat, Morocco.

2026. Talk on *Symbolic artefacts and the evolution of the extended mind*, at the Conference **Engraving bones in prehistoric times: gripping aids, decorations and symbols**, May 6-8, Berlin

2026. Lecture on *Essere umano e ambiente: la sfida ecologica* [Human being and the environment: the ecological challenge], April 16, Rivalto University Residence, Trieste.

2026. Lecture on *Libertà: dal cervello che sceglie all'assenso valutativo* [Free Will: from brain the assent], April 11, Porta Nevia University Residence, Rome.

2026. Lecture on *Il valore della conoscenza scientifica* [The value of scientific knowledge], March 23, RUI University Residence, Rome.

2026. Lecture on *Pensiero: cognizione delle 4 E, creatività e libertà* [Thought: 4E cognition, creativity and free will], March 3, to the directors of the RUI University Residences, March 3, online.

2026. Organizer and Speaker at the Research Seminar **Amazing Novelties: Emergence and creativity in material, biological, sociocultural, and artificial layers of complexity** – with a talk on *Novel problems: how human cultural evolution proceeded via creative recombination and repurposing*, January 26-28, Pontifical University of the Holy Cross, Rome.

2025. Invited talk on *Evoluzione umana e comportamento: dalla sintesi evolutiva estesa all'archeologia preistorica* [Human evolution and behaviour: from the Extended Evolutionary Synthesis to prehistorical archaeology], at the conference **Problemi aperti nell'evoluzione umana**, Università di Urbino, Ubino, Italy, October 8, 2025.

2025. International Seminar for Master Students *Transforming the world: Cultural evolution and epistemic niche construction*, University of Bordeaux, France, Sept. 11, 2025.

2025. Talk *Human-Environment Complementarity. From Animal Niche-Construction to Human Self-Transcendence* at the **ISSR Conference** *Ecology between Religions and Sciences: Minds and Bodies in Nature*, July 1, Swindon, UK.

2025. Organizer of the Research Seminar *Creativity and emergence between aesthetics and anthropology*, within the Research Project "A Cross-disciplinary inquiry into human creativity" June 18-19, Rome.

2025. Talk *Trasformazione del mondo e "evoluzione del genere umano" (GS 44)*, at the Conference **Immagini del lavoro umano nel pensiero contemporaneo**, May 29, Pontifical University of the Holy Cross, Rome.

2025. Lecture on *Ecologia Integrale. Le relazioni organismo-ambiente e lo specifico umano*, April 28, RUI University Residence, Bologna.

2025. Organizer of the **SISRI Workshop** *Nulla di nuovo sotto il sole? Paradigmi e innovazione nelle scienze*, May 24-25, Rome.

2025. Invited talk (with F. d'Errico) *Cooperation and the Evolution of Transmission Strategies in Human Cuture*, at the Fyssen Symposium **Cooperation during human evolution: Leveraging interdisciplinarity to better reconstruct the evolution of human sociality,** April 9, Paris.

2025. Lecture on *Libertà Condizionata? Le neuroscienze di fronte al problema del libero arbitrio e neuroscienze*, March 17, RUI University Residence, Rome.

2025. Lecture *Learning to think integral*, at the **5th Training Course for the Leaders of Talitha Kum**, March 28, Lima, Peru.

2025. Lecture on *La filosofia della natura tra scienza e teologia*, Feb. 25, Pontifical Athenaeum *Regina Apostolorum*, Rome.

2025. Co-organizer of the Research Seminar ***Creativity and Innovation in Religion***, within the Research project "A Cross-disciplinary inquiry into human creativity", in collaboration with the Catholic University of America, Jan. 29-31, Rome.

2024. SISRI Seminar on *Scienze naturali: la creatività e l'insorgere di novità in natura,* Nov. 30, Rome.

2024. Lecture on *L'evoluzione biologica dal punto di vista filosofico,* Nov. 19, Pontifical Athenaeum *Regina Apostolorum*, Rome.

2024. Invited talk *Symbolism and the evolution of extended mind*, at the Workshop **Activating Symbolism**, Oct. 1, University of Bergen, Norway.

2024. Talk (with F. d'Errico) on *An empirically-based scenario for the evolution of cultural transmission in the human lineage*, at the Annual Conference of the **Cultural Evolution Society**, Sept. 8-11, Durham, UK.

2024. Invited discussant at the Conference ***Religioni e neuroscienze: quale rapporto?***, Pontifical Academy for Life, June 8, Rome.

2024. Invited talk (with F. d'Errico and A. Maneganzin) *Engineered Social Worlds: Symbolic Material Culture and Collective Intelligence*, at the Scientific Meeting **Collective Intelligence, forms, functions 6 evolution across species, societies and industries**, May 14-17, UM6P, Rabat, Morocco.

2024. Lecture on *Libertà Condizionata? Le neuroscienze di fronte al problema del libero arbitrio e neuroscienze*, April 15, RUI University Residence, Rome.

2024. Main organizer of the Research Seminar ***Creativity: innovation, transmission and motivation in animals, humans and societies***, Casa Bonus Pastor, Rome, 21-24 January 2024. Rome.

2023. Talk at the launch of the book: M. Tabaczec, *Theistic Evolution* (Cambridge Universioty press 2024), Pontifical University Angelicum, Rome, 14 December 2024.

2023. Lecture *Learning to think integrale*, at the **4th Training Course for the Leaders of Talitha Kum**, Mary Word Centre, Nairobi, Kenia, 25 November 2023.

2023. Lecture *Dall'intelligenza umana all'intelligenza artificiale*, RUI University Residence, JUMP Course, Rome, 13 November 2023.

2023. International Research Seminar *Embodied-Embedded-Extended-Enactive Cognition between biology and archaeology*, University of Bordeaux, France, , 12 October 2023

2023. Lecture *Scienza e fede in dialogo per la vita*, Arcidiocesi di Udine, Training Course IRC, 6 September 2023.

2023. Co-organizer of the SISRI Annual Workshop SISRI *Fini della ricerca e ricerca del fine. Riflessioni interdisciplinari sulla libertà*, Casa Bonus Pastor, Rome, 27-28 May 2023.

2023. Conference *La filosofia della natura tra scienza e teologia: ipotesi e "visioni del mondo"*, Master in Scienza e Fede, Pontifical Athenaeum *Regina Apostolorum*, 21 March 2023.

2023. Lectures on "Ecologia Integrale e modelli disviluppo a partire dalla Laudato si'", Webinar F.I.D.A.E., online, January 11 and 18, 2023.

2022. Invited Speaker at the SISRI's Seminar on *Cognizione animale e intelligenza umana: dai pesci ai primate* [Animal cognition and human intelligence: from fish to primates], Pontifical University of the Holy Cross, Oct. 29, 2022.

2022. Introductory Lecture at the SISRI's Workshop "Anthropocene: the human era. Human activity in natural history" on the topic *The lessons from Anthropocene: historical-philosophical itineraries on the human-environment relationships*, held in Rome on May 21-22, 2022.

2022. Lecture on *Ecology understood in its integral sense*, held at the FRUI Residence "Delle Peschiere" in Genoa on April 26, 2022.

2022. Lecture at the "Christian Ecology Day" of the ISSRA-PUSC on the topic *Towards a Pedagogical Ecology*, held on March 20, 2022.

2021. Co-author of a talk at the Workshop "Symbols, Myths and Religious Sense in Humans since the First" of the Pontifical Academy of Science, with a talk on *When, how and why did symbolic practices emerge and become more complex* (together with F. d'Errico, A. Bender, L.M. Straffon), held in the Vatican on Oct. 27-28, 2021.

2021. Organizer of the SISRI Webinar *Life between Science and Philosophy, Art and Literature*, SISRI School, Pontifical University of the Holy Cross, Rome, May 22.

2021. Seminar on "Reading again the *Gaudium et spes* (Second Vatican Council)", SISRI Roman seminars, Pontifical University of the Holy Cross, February 4.

2020. Speaker at the Workshop ***Truth and Research between Discovery and Communication***, organized by the DISF Research Centre of the Pontifical University of the Holy Cross, Rome, July 24-25, with a talk on: "Is *H. sapines* unique? Scientific and philosophical reasons".

2020. *Member of the Organizing Committee* of the International Conference ***Nature and Environment in the Educational Covenant: Beauty Makes the Human Being Good***, promoted by the Congregation for Catholic Education, Pontifical Antonianum University, Rome, January 14-16.

2020. Seminar at ELIS – Consulting & Labs, on "Why Science Needs Philosophy", Rome, January 13.

2019. *Organizer* and ***speaker*** at the Conference "The Third Mission of the University: Education, Service and Missionary Spirit: The Experience of Collaboration between Antonianum and Talitha Kum", Pontifical Antonianum University, Rome, November 25.

2019. Lecture at the FAST Institute of the Università Campus Bio-Medico on "Cultural Evolution: A Key to Human Uniqueness", Rome, November 14.

2019. *Organizer* and ***speaker*** at the Conference "Inhabiting Fragility: Disasters and Poverty", Pontifical Antonianum University, October 16.

2019. Talk at the Summer Research Meeting on ***Giving Us a Future: Scientific progress and human promotion in interdisciplinary perspective***, organized by the DISF Research Centre of the Pontifical University of the Holy Cross, Rome, July, 25-26, with a talk on "Planning at the heart of the human being: an interdisciplinary glance".

2019. Talk at the Conference on ***Identity of living systems, epigenetics and cultural evolution***, University of Rome Tor Vergata, April 11, with a talk on "Human evolution: gene, culture and aspirations".

2019. Short Talk at the 24th International Study conference on ***Human nature, body and soul: convergence and perspectives***, Rome, Pontifical University of the Holy Cross, March 18-19, with a talk on "Culture and aspirations: the motivations beneath human uniqueness".

2018. Lecture at the Third Research Seminar Towards an International Network for Integral Ecology, Rome, June 21-23, with a talk on "*Integral Education* as a key for Integral Ecology and Integral Anthropology".

2018. Lecture at the European Conference of Science and Theology XVII (*ESSSAT*) *Nature and Beyond*, Lyons, France – April 17-21, 2018 with a talk on: "Culture as an immanent window on transcendence".

2018. Lecture at the Research Seminar *Ecology understood integrally*, Rome, January 12-13, with a talk on "At the basis of integral ecology: and integral and interdisciplinary anthropology".

2017. Lecture at the *Second International Conference on the Evolution of Religion*, Rio Rancho (NM), USA, November 12-15, 2017, with a talk on "Religion between Biological and Cultural Evolution: A Possible Bio-Cultural Mechanism".

2017. Lecture at the Summer School of the SISRI (DISF) on *Cultural conditions and contexts for the scientific activity*, Prati di Tivo (TE), Italy, July 24-30, with a talk on "Brain-culture interaction in the context of the science-faith dialogue".

2017. Lecture at the Istituto Veritatis Splendor, on "*Embodied Language: The role of experience and related neural substrates for the meaning of words*", Bologna, Italy, June 10th, 2017.

2016. Lecture at the Centre for Mind/Brain Sciences, University of Trento, on "*Cultural evolution and its possible mechanisms: Neuroscience, archaeology and pedagogy*", Trento, Italy, September 21st, 2016.

2016. Lecture at the Groupe d'Imagerie Neurofonctionelle, CNRS, Bordeaux, France, on "*Natural Selection or Cultural Neural Reuse? The search for the mechanisms that have made rapid cultural changes in our genus possible and successful*", May, 23rd, 2016.

2016. ***Speaker*** at the ESSSAT Conference *Science and Theology Questioning Human Uniqueness*, with a short paper on "Cultural neural reuse and pedagogy: A new dimension of human specialness", Lodz, Poland, April 26 – May 1, 2016.

2016. ***Speaker*** and *Organizer* of the Research Seminar *Humanity in Progress: Brain and Behaviour from Bifacials to Literacy*, Rome, January 7-9, with a talk on "Cultural neural reuse and human cultural evolution?".

2015. ***Speaker*** and *Organizer* of the Research Seminar on *Becoming integral human persons: in dialogue between theological and anthropological sciences*, Rome, December 10-12, with a talk on "The contribution of the neurosciences: brain, culture, and pedagogy".

2015. *Organizer* and ***Introductory Speaker*** of the conference on *Christology and Anthropology: Tradition and Current Perspectives*, Rome, December 1; main speakers: N.H. Gregersen and Sr. M. Melone.

2015. ***Speaker*** at the Conference **Protolang 4**, Rome, September 24-26, with a talk on "The Role of Cultural Processes in the Acquisition of Language and Religion: A Theoretical Perspective".

2015. ***Speaker*** at the ISSR/SFU Conference on "Science and/or Religion: a 21st-century debate", Vienna, August 27-30, with a talk on "Cultural Influences on Brain Anatomy: A New Science-and-Religion Perspective on Human Specificity" (with L. Oviedo).

2015. ***Speaker*** at the IRC Conference on "The Human Difference", Oxford (UK), July 22-25, with a talk on "Culture from Biology to Theology: Cultural Neural Reuse and the Human Difference".

2015. *Organizer* of the Research Seminar at the Pontifical Antonianum University on "Anatomy, Connectivity and Functional Aspects of the Fronto-Parietal Cortex", September 3-5, Rome.

2015. *Organizer* of the international workshop "Hard-wired, Soft-wired, and Re-wired. The Human Being at the Crossroad of Evolution, Brain, Language, and Culture", May 7-9, Pontifical Antonianum University, Rome.

2015. *Organizer and* ***Speaker*** at the Research Seminar organized at the Pontifical Antonianum University on "Incarnation and *imago Dei*", March 19-21, Rome, with a talk on "Culture as human specificity: many levels, many disciplines".

2014. ***Speaker*** at the workshop organized by the Fondazione Lanza on the topic "Emergent Technologies and Ethics", Padua, December 2, with an invited talk on "Neuroscience and the Person: Sociality and the cultural dimension".

2014. ***Speaker*** at the Conference "The Structure of Credition", Graz (Austria), November 26-29, with an invited talk on "A philosophical survey of concepts of decision making".

2014. ***Speaker*** at the Conference "What Made Us Humans. Biological and Cultural Evolution of *Homo sapiens*", Ettrore Majorana Center, Erice (Sicily, Italy) October 14-19, with a short talk on "Cultural neural reuse: a mid-way between gene-culture co-evolution and neural learning".

2014. *Organizer* of the Research Seminar at the Pontifical Antonianum University on "The Human Specificity and Religion: Evolution, Neuroscience and Theology", Rome, September 25-27.

2014. ***Speaker*** at the IRC Conference on "Special Divine Action", Oxford (UK), July 13-17, with a short talk on "A new perspective on brain-culture interaction: written language and its implications for the SDA debate" (with P. D'Ambrosio).

2014. ***Speaker*** at the IRC/CHED Conference on "Evolution and Historical Explanation", Oxford (UK), July 17-20, with a short talk on "Exaptation and Neural Reuse: Insights into human cognitive and neural evolution" (with P. D'Ambrosio).

2014. ***Speaker*** at the IRC/CHED Conference on "Evolution and Historical Explanation", Oxford (UK), July 17-20, with a short talk on "Directionality and complexification in evolution" (with P. D'Ambrosio).

2014. *Organizer* of the Research Seminar "Evolutionary Anthropology among Exaptation, Neoteny and the Emergence of Language", Pontifical University Antonianum, Rome, June 26-27.

2014. ***Speaker*** at the ESSSAT Conference "Do Emotions Shape the World?", as the respondent to the plenary lecture of Prof. C. Keysers, and with a short paper on "From Mirror Neurons to Human Culture … and Back Again to the Human Brain. Human Uniqueness among Language, Empathy, and Social Cognition", Assisi (Italy), April 30 – May 4.

2014. Participation to the EVOLANG X Conference, Vienna, April 14-17.

2014. *Organizer and* ***Speaker*** at the Research Seminar "Broca's Area and Motor Cortex between Linguistic Syntax and Complex Actions", with a talk on "Neural Reuse: brain, language and culture. A perspective", Pontifical University Antonianum, Rome, April 10-12.

2013. Participation (with a Short Communication) to the conference "The Structure of Credition: Ideation, Formation, and Causation", University of Graz (Austria), November 27-30.

2013. *Organizer* of the Research Seminar "Broca's Area and Mirror Neuron System among Tools and Language, learning and Sociality", Pontifical University Antonianum, Rome, Oct. 24-26.

2013. ***Speaker*** at the Workshop "Laws of nature and bio-cultural adaptations" with a talk on "From neural reuse to culture and vice versa", Monastery of Poblet, Spain, June 26-July 2.

2012. Participant to the workshop on "Human Enhancement", Monastery of St. Mary of Poblet, Spain, November 30 – December 1.

2012. ***Speaker*** at the Workshop "Human Language: Evolutionary and Anatomical-Cognitive Aspects", with a paper on "Written language and the Visual Word Form Area (VWFA): data and implications", Monastery of St Mary of Poblet (Spain), June 24 – 30.

2011. *Discussant* at the Workshop "Philosophical and Theological Lessons of the Theory of Evolution", Monastery of St Mary of Poblet (Spain), June 26 – July 2.

2011. Participation to the "The Georges Lemaitre Anniversary Conference", organized by *The Faraday Institute for Science and Religion*, Sidney Sussex College, University of Cambridge (UK), April 7-10.

2010. *Member of the Organizing Committee* of the Workshop "Human Brain, Human Mind, Human Being", organized by the Specialization "Science and Philosophy", Pontifical Gregorian University, October 14-16.

2010. ***Presentation*** of the paper "Critical Realism and the Intelligibility of Nature" (with G. Auletta and P. D'Ambrosio) at the Conference "God and Physics", Ian Ramsey Centre, University of Oxford (UK), July 7-10.

2010. Participation to the 4th edition of the Poblet Summer School "Consciousness: Continuity and Discontinuity between Primates and Man", Monastery of Poblet (Spain), June 30-July 3.

2009. ***Presentation*** of the paper "Evolvability in Living Systems: Methodology and Ontology" (with P. D'Ambrosio) at the Conference "Darwin in the 21st Century: Nature, Humanity, and God", University of Notre Dame (Indiana, U.S.A.), November 1-3.

2009. Participation to the Conference "Evolution, Religion and Suffering", organized by the International Society for Science and Religion, University of Cambridge (UK), July 3-5.

2009. Participation to the 3rd edition of the Poblet Summer School "Evolution and Behaviour", Monastery of St Mary of Poblet (Spain), July 6-11.

2009. *Member of the Organizing Committee* of the Workshop "Endogenous Processes and Causation in Brain and Behavioral Sciences", *Domus Sanctae Marthae* (Vatican City), April 2-4.

2008. Participation to the Workshop "Evolution: New Methodologies and Old Theory" organized by the Pontifical Gregorian University, Il Cenacolo (Rome), September 11-13.

2008. Participation to the 2nd edition of the Poblet Summer School "The Species: defining the indefinable?", Monastery of St Mary of Poblet (Spain), June 30 – July 5.

2007. Participation to the 1st edition of the Poblet Summer School "Evolutionism: the relationship between evolution and development", Monastery of St Mary of Poblet (Spain), June 25-30.

2006. Participation to the Workshop "The Relationships between Science and Philosophy: New Opportunities for a Fruitful Dialogue", organized by the Specialization "Science and Philosophy" of the Pontifical Gregorian University, *Domus Sanctae Marthae* (Vatican City), April 7-8.