

ANGELO CANGELOSI, PhD

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1. ACADEMIC QUALIFICATIONS

- 1993-97 *Ph.D. in Psychology and Cognitive Science*, University of Genoa
 1986-91 *Laurea (MSc) in Experimental Psychology AI*, University of Rome "La Sapienza" (110/110 *cum laude*)
 1998 *UK Accreditation for Teaching in Higher Education (TLHE-SEDA Certificate)*
 2011- *Fellow*, British Computer Society; Senior Member IEEE
Fellow, Accademia Nazionale Scienze, Lettere e Arti

2. CURRENT POSITIONS AND EMPLOYER

- 2018- *Professor of Machine Learning and Robotics*
 Department of Computer Science, School of Engineering, University of Manchester (UK)
 Main duties (full details in sections 7 and 8)
 • *Co-Director*: Manchester Centre for Robotics and AI
 • *Research*: Leader of Cognitive Robotics Lab; ERC Advanced project eTALK
 • *Teaching*: Modules and project supervision in Machine Learning and Cognitive Robotics
 2019- *Visiting Professor*, Waseda University, Hohai University; Milano Cattolica University,
 2019- *Associate Researcher*, ICAR Institute, CNR Italy
 2024- *European Research Council (ERC) Advanced "eTALK" project* (funded UKRI)

3. EMPLOYMENT HISTORY

- 1997-2018 *Plymouth University, UK. Professor of Artificial Intelligence and Cognition* (2006-2018)
 School Research Lead - equivalent to Associate Head / Director of Research (2016-18)
Reader (2004–06), *Principal Lecturer* (2002–04), *Senior Lecturer* (1998–2002), *Lecturer* (1997–98)
 2018-23 *Turing Fellow*, Alan Turing Institute
 2015- *Visiting Professorships*: Distinguished Visiting Fellow at AIST-AIRC Artificial Intelligence Research Centre Tokyo (2019-22), Waseda University Tokyo (2016, 2024); Visiting Fellow at Loughborough University (2021-22), Torino University (2021); Palermo University (2021); Plymouth University (2018-20); University of Manchester (2018); Sassari University (2017); Messina University (2015), UNITEN University (2023-24)
 2010-18 *Consultant*, Scisys Ltd (Machine Learning for Space and Defence Industry)
 2004-06 *Adjunct Researcher*, Institute of Cognitive Science & Technology, CNR National Research Council Rome
 1996 *Visiting Scholar at University of Southampton*, Cognitive Science Centre (Prof. S. Harnad)
 1994-95 *Visiting Scholar at the University of California at San Diego* (Prof. J. Elman; Prof. W. Kristan)
 1993-97 *Teaching assistant* for courses of Cognitive Science and Psychology (University Genoa; Univ. Siena)
 1992-97 *Research Collaborator*, Institute of Psychology, Italian National Research Council
 1992-94 *Research Assistant at the Laboratory of Information Technologies*, Alenia-Finmeccanica, Rome

4. SUMMARY OF PUBLICATIONS (full list in Publications section)

H-index [Google Scholar](#) 51 (11100 citations) / [Scopus](#) 37

Books	9
Journal publications	144
Refereed Conf. proceedings + Book chapters	182
Published abstracts of conference presentations	101
Journal Special Issues (guest editor)	12

5. SUMMARY OF RESEARCH GRANTS (full list below)

Principal Investigator: UK Research Councils	£ 1,227,780	(5 grants)
Principal Investigator: EU	€ 20,381,045	(19 grants)
Principal Investigator: USA Air Force Lab	\$ 2,884,780	(8 grants)
Co-Investigator: UK Research Councils	£ 3,994,358	(3 grants)
Co-Investigator: EU FP7	€ 12,477,315	(2 grants)
Co-Investigator: ERDF/SIPF	£ 3,236,140	(2 grants)
Other grants as PI-Col	£ 1,192,000	(27 grants)

5a. RESEARCH GRANTS AND AWARDS

- 2024-29 *European Research Council: ERC Advanced*, **€2,496,950** “eTALK: embodied Thought for Abstract Language Knowledge”. Cangelosi PI. (Selected by ERC, funded by UKRI)
- 2024-29 *US Air Force Office of Science and Research, European Office of Aerospace Research and Development (AFSOR-EOARD)*, **\$1,012,000**. “CASPER++ Cognitive Architecture for Social Perception and Engagement in Robots” (Principal Investigator).
- 2023-27 *EU Horizon RIA*, **€972,375** “PRIMI: Performance in Robots Interaction via Mental Imagery”. Cangelosi PI. With A Di Nuovo (Sheffield Hallam) as coordinator, and 6 other partners
- 2023-27 *EU Horizon Marie Skłodowska-Curie DN*, **€615,571** “TRAIL: TRAnSPARENT, InterpretabLe Robots”. Cangelosi PI. With S Wermter (U. Hamburg) as coordinator, and 8 other partners
- 2023-27 *EPSRC Prosperity Partnership Grant*, **£4,800,000** “CRADLE: Centre for Robotic Autonomy in Demanding and Long-lasting Environments”. Cangelosi Co-I. PI B Lennox, other Co-Is M Fisher, C Dixon, L Dennis, S Watson, K Groves. With Jacobs as Industry Partner.
- 2023-26 *Honda Research Institute Japan*, **£207,000**, “Robot Companion with Theory of Mind for People Well-being (ToM-Well)”. Cangelosi PI, R. Gomez (Honda).
- 2022-25 *SIPF*, **€1,500,000** “AMPI Advanced Manufacturing and Productivity Insipute. Cangelosi co-PI. With B Lennox, G Hermann, A Weightman (UoM). Coordinated by NLP, with Leeds and Huddersfield
- 2022-25 *EU Horizon RIA*, **€150,000** “MUSAE: a human-centred factory for a future technological sustainable development driven by arts”. Cangelosi PI. With M Canina (Politecnico Milano) as coordinator, and 6 other partners
- 2021-24 *EU H2020 Marie Skłodowska-Curie ETN*, **€606,345** “PERSEO: PErsONalized Robotics as SErvice Oriented applications”. Cangelosi PI. With S Rossi (U. Naples) as coordinator, and 8 other partners
- 2021-24 *Honda Research Institute Europe*, **£121,646**, “Trust and Wellbeing in Human-robot teams. Cangelosi PI, T. Weisswange (Honda HRI).
- 2020-24 *UKRI/EPSRC*, **£962,899** “EnTRUST: Trustworthy Autonomous Systems Node on Trust”. Cangelosi PI. With H Hastie (Heriot Watt) as coordinator, T Rajendran (HWU), Y Demiris (Imperial)
- 2020-24 *BAE Systems Accelerator on AI and Data Science*, **£150,000** . With Yin as PI, Cangelosi Col and Zhang, Margetts, Kabbabe, Handl and Rattray as co-Is
- 2020-24 *EPSRC iCASE/CASE PhD projects with BAE Systems*, **£236,885** (2 projects) on Human-robot interaction for flexible manufacturing (BAE Systems Air) and on transparent robotics (BAE Syst. Sub)
- 2020-23 *EU H2020 Widespread*, **€150,000** “TRAINCREASE: From Social Interaction to Abstract Concepts and Words”. Cangelosi PI. With J Raczasz (U. Warsaw) as coordinator, and 2 other partners.
- 2021-23 *US Air Force Office of Science and Research, European Office of Aerospace Research and Development (AFSOR-EOARD)*, **\$255,000**. “Intention Reading and Trust in Heterogeneous Human-Robot Teaming” (Principal Investigator). Cangelosi PI.
- 2019-23 *EU H2020 Marie Skłodowska-Curie ETN*, **€292,342** “e-LADDA: Early Language Development in the Digital Age”. Cangelosi PI. With M Vulchanova (NTNU Norway) as coordinator, and 9 other partners.
- 2018-24 *US Air Force Office of Science and Research, European Office of Aerospace Research and Development (AFSOR-EOARD)*, **\$826,000**. “THRIVE++: Trust in Human-Robot Interaction Via Embodiment and Theory of Mind” (Principal Investigator). Cangelosi PI.
- 2018-20 *EU H2020 Marie Skłodowska-Curie European Fellowship*, **€195,454** “STRoNA: Developmental Context-driven Robot learning”. Cangelosi PI, S Furber co-I, Gi Hyun Lim as Fellow.
- 2018-22 *AIST-AIRC Japan*, **£267,401** (£818,521 total) AIRC-Manchester Collaboration. Cangelosi co-I, with S Ananiadou as PI.
- 2017-20 *Honda European Graduate Network*, **£93,176**, “DeCIFER: Developmental Collaborative Intelligence For Embodied Robots”. Cangelosi PI, G. Goerick (Honda HRI).
- 2017-20 *European Regional Development Fund – Cornwall Converge*, **£1,736,140** “EPIC: E-health Productivity and Innovation in Cornwall and the Isles of Scilly”. A. Cangelosi co-PI. With R Jones as PI-Coordinator, T Dahl, T Belpaeme etc., with ten strategic partners/stakeholders.
- 2017-19 *EU H2020 ICT RIA*, **€439,215** “MoveCare: Multiple-actors Virtual Empathic Caregiver for the Elder”. Cangelosi PI, with A Borghese (Milan University) as coordinator, and 12 other partners.
- 2016-19 *EU H2020 Marie Skłodowska-Curie EID European Industrial Doctorate*, **€1,345,614 (€819,863** to Plymouth University) “APRIL: Applications of Personal Robotics for Interaction and Learning”. Cangelosi as Coordinator/PI. With SoftBank Robotics and 6 associate academic/industry partners

- 2016-19 *EU H2020 Marie Skłodowska-Curie ETN*, **€546,573** “DCOMM: Deictic Communication”. Cangelosi PI. With K Coventry (U. East Anglia) as ETN coordinator, and 8 other partners.
- 2016-18 *EU FP7 Marie Curie European Fellowship*, **€183,454** “CAREER-AID: Controlled Autonomous Robot for Early diagnosis and Rehabilitation of Autism and Intellectual Disability”. Cangelosi PI, Daniela Conti as Fellow (grant awarded but transferred to Sheffield Hallam University).
- 2015-18 *EU H2020 Marie Skłodowska-Curie ETN*, **€546,573** “SECURE: Safety Enables Cooperation in Uncertain Robotic Environments”. Cangelosi PI. With S Wermter (Hamburg) and 5 partners
- 2014-18 *US Air Force Office of Science and Research, European Office of Aerospace Research and Development (AFSOR-EOARD)*, **\$555,000**. “THRIVE: Trust in Human-Robot Interaction Via Embodiment” (Principal Investigator). Cangelosi PI.
- 2014-16 *EU FP7 Marie Curie Intra European Fellowship*, **€231,283** “DeCoRo: Developmental Context-driven Robot learning”. Cangelosi PI, Martin Stoelen as Fellow.
- 2013-15 *EU FP7 Marie Curie Intra European Fellowship*, **€221,606** “ORATOR: Integrating Object Recognition and ActiOn for action sentence production and comprehension in a developmental humanoid Robot”. Cangelosi PI, C. Floccia and A. Cattani Co-Is, Beata Grzyb as Fellow.
- 2013-17 *EU FP7 Marie Curie Innovative Doctoral Program*, **€4,077,315** “COGNOVO: Cognitive Innovation”. Cangelosi Co-I (PI S. Denham, with Co-Is T Belpaeme, R Borisyuk, T Wennekers et al.)
- 2012-15 *UK EPSRC-BBSRC*, **£1,671,050 (£1,202,384 at Plymouth)** “BABEL: Bio-inspired Architecture for Brain Embodied Language”. Cangelosi PI/coordinator, Furber (Manchester), Pulvermuller (FUB)
- 2012-15 *EU FP7 – EU FP7 – ICT Cognitive Systems & Robotics*, **€777,410** at Plymouth (€3,880,000 whole project) “Poeticon++: Robots need Language”. Cangelosi PI, K. Pastra (CSRI Greece, Project Coordinator), and 4 partners
- 2011-15 *EU FP7 – ICT Challenge 5 Wellbeing*, **€6,200,000 (€857,960 at Plymouth)** “RobotEra: Advanced Robotic systems and intelligent environments for the ageing population”. Cangelosi PI, P. Dario (SSSA Italy, Project Coordinator) and 8 partners
- 2010-14 *EU FP7 – ICT Cognitive Systems & Robotics*, **€8,400,000 (€1,376,860 at Plymouth)** Integrating Project “ALIZ-E: Adaptive Strategies for Sustainable Long-Term Social Interaction”. Co-investigator, with T. Belpame PI/coordinator and 6 partners
- 2010 *US Air Force Lab (EOARD)*, **\$58,775**. Organisation of the Interdisciplinary Workshop on Socio-Cultural Phenomena in Linguistic Communication, Plymouth. Cangelosi PI/organiser
- 2009-13 *EU FP7 Marie Curie Initial Training Network*, **€3,492,830 (€832,473 at Plymouth)** “RobotDoC: Robotics for Development of Cognition”. Cangelosi PI-Coordinator, and 6 partners
- 2008-12 *EU FP7 – ICT Cognitive Systems & Robotics*, **€6,250,000 (€1,626,250 at Plymouth)** Integrating Project “ITALK: Integration and Transfer of Action and Language Knowledge in Robots”. Cangelosi PI-Coordinator coordinator, and 7 partners
- 2009-10 *European Space Agency*, **€24,466**. ARIADNA Project “Evolution in robotic islands: Optimising the design of autonomous robot controllers for navigation and exploration of unknown environments”. PI.
- 2009-13 *CONACyT Mexican Government*, **£60,000**. PhD Bursary for Salomon Ramirez-Contla.
- 2008-11 *RCUK Cognitive Systems Foresight*, **£809,132 (£507,722 at Plymouth)** “VALUE: Vision, Action, and Language Unified by Embodiment”. PI-Coordinator (with R. Ellis, Plymouth, and M. Fischer, Dundee). Funding from EPSRC, ESRC, and BBSRC.
- 2008 Award to the University of Plymouth of *Apple ARTS Programme*, **\$30,000**. (A. Cangelosi, Leader of University bid). Subsequently, award of 2008 ARTS grant to D. Marocco (Cangelosi as co-applicant)
- 2007-10 *US Air Force Lab, European Office of Aerospace Research and Development (EOARD)*, **\$149,446**. “Communication and distributed control in multi-agent systems” (Principal Investigator)
- 2005-06 *US Air Force Lab, European Office of Aerospace Research and Development (EOARD)*, **\$45,559**, “Integrating language and cognition in autonomous systems”. (PI)
- 2003-05 *EPSRC*, **£141,752** “Computational modelling of quantifiers: The relative influence of scalar and contextual factors” (with Coventry and Newstead) Evaluated “Tending to Outstanding” (4 out of 5)
- 2004-06 *DTI Knowledge Transfer Partnerships*, **£100,000**, Liquid Cargo Management Limited. (with P. Robinson, G. Bugmann) (grant awarded but not started)
- 2003-04 *EPSRC Novel Computation Cluster* “SEEDS: Scalable, Evolvable, Emergent, Developmental Systems” (**£60,000** - PI Dr. J. Miller, York University)
- 2003 *Italian Ministry of Education and University*, **€167,000** Anti “brain-drain” grant for returning to Italian academia (“Rientro dei Cervelli”) (grant awarded but not accepted)

- 2001-03 *EPSRC, £152,606* "A psychologically plausible model for the acquisition of spatial terms", Col, with K. Coventry (PI)
- 2000-03 *EPSRC, £47,417* "Multi-agent systems for modelling language evolution", PI
- 2000-01 *Wellcome Trust SciArt Grant, £10,000* "STI: Search for Terrestrial Intelligence" col (with M. Phillips)
- 1998-01 *Nuffield Foundation Award for New Lecturers, £3,000* "Language evolution in neural networks", PI

5b. OTHER GRANTS (TRAVEL, CONFERENCE, VISITS)

- 2022 *IEEE RAS 2023 Technical Education Program, 4th International Summer School on Human Robot Interaction, \$25,000* (co-I, with PI Joanna Rączaszek-Leonardi, Warsaw University)
- 2022 *Royal Society, International Exchanges 2022 Italy, £12,000* (PI, with Co-I G. Pilato, CNR Palermo)
- 2021 *TERRINet Trans-national Access project (H2020), iTrust iCub: interactive and Transparent robot understanding, safety and trust with the iCub robot, €12,000* (PI)
- 2019 *Turing Institute, Organisation of Turing workshop on AI and Robotics for Social Care, £6,000* (PI)
- 2009 *Nuffield Foundation, Undergraduate Research Bursary for M. Butel, £1,080* (PI)
- 2006-09 *US Air Force Lab, European Office of Aerospace Research and Development (EOARD), \$11,719*, Travel grants for Fusion2006, KIMAS2007, IJCNN09 Conferences (PI) (3 grants)
- 2006-08 *euCognition Action Network, €21,300*. Grants for students/staff exchange visits (PI) (5 grants)
- 2006 *euCognition Action Network, €2,800*. Organisation of External Symbol Grounding Workshop (PI)
- 2006-09 *British Academy of Engineering, £1200*. Travel grant (PI) (two grants)
- 2005 *US Air Force Lab (EOARD), \$2643*, Travel grant for Keynote Speaker at KIMAS05 conference
- 2005 *Foundation Rosselli (Turin) and Italian Society for Cognitive Science, €1750*, Support for organisation of 6th International Conference on the Evolution of Language (PI)
- 2004 *BBSRC, EPSRC & British Academy, £11,240*, Support for organisation of 9th Neural Computation and Psychology Conference (PI). EPSRC evaluation "Outstanding" (5 out of 5).

6. ACADEMIC MANAGEMENT/LEADERSHIP AND SUPERVISION

University Leadership and Management Roles

- 2022- *Founding Co-Director*, Manchester Centre for Robotics and AI
- 2018-21 *Deputy Director of Research*, Department of Computer Science, University of Manchester
- 2018-21 *REF Output Champion*, Department of Computer Science, University of Manchester
- 2016-18 *School Research Lead (equivalent to Director / Associate Head Research)*, School of Computing, Electronics and Mathematics, Plymouth University
- 2017-18 *Member of School Panel* for Athena Application, , Plymouth University
- 2008-18 *Founding Director*, Centre for Robotics and Neural Systems (CRNS), Plymouth University
- 2005-18 *School Coordinator* for RAE/REF submissions (UoA Computer Science & Informatics) Plymouth U.
- 2008-10 *Teaching Subject Group co-Chair* for Artificial Intelligence (AINT) in the School of Computing and Mathematics (Leader of AINT group, 2003-2008), Plymouth University
- 2015-18 *Member* of Faculty Research Committee
- 2015-18 *Member* of Faculty Strategy Group
- 2013-15 *Member of Steering Committee*, Cognition Institute
- 2010-14 *Elected Faculty Representative* in University Research and Innovation Committee
- 2005-13 *School Representative* in Faculty Research Committee
- 2004-18 *Member* of School Research Committee and Member of School Executive
- 2006-18 *Member* of School Executive, Plymouth University
- 2005 *Member of University Review Panel* for Athena-SWARM Charter Status (Silver) Application
- 2010-14 *Member* of University Research & Innovation Committee
- 2003-06 *Member* of School Teaching Management Group
- 2000-18 *Leader of Adaptive Behaviour & Cognition Lab*
- 1998-18 *Member* of various BSc/MSc Programme Committees (BSc Hons Computer Science, Computing, Computing, MediaLab Arts, Digital Arts & Technology, MSc Interactive Intelligent Systems)
- 2000-03 *Admission Tutor* for the BSc (Hons) Computing and Informatics, BSc (Hons) Computing and Neuroscience, BSc Computing

Line Manager of Research Fellows:

- 2022- *Dr Baris Sehran*: US AFRL THRIVE++ project
 2022- *Dr Federico Tavella*: UKRI TAS Trust Node project
 2023- *Dr Joseph Bolarinwa*: UKRI TAS Trust Node project

Past Research Fellow Supervisions (21): *Dr Samuele Vinanzi, Dr Chuang Yu, Dr Marta Romeo, Dr Wenxuan Mou, Dr Gi Hyun Lim, Dr Mriganka Miswas, Dr Daniel Hernandez, Dr Junpei Zhong, Dr Martin Stoelen (Marie Curie Fellow, Dr Sao Mai Nguyen, Dr Ning Wang, Dr Beata Grzyb (Marie Curie Fellow), Dr Samantha Adams, Dr Frank Broz, Dr Alessandro Di Nuovo, Dr Anna-Lisa Vollmer (Marie Curie Fellow), Dr Anthony Morse, Dr Fabio Ruini, Dr Zoran Macura, Dr Davide Marocco, Dr Rohana Rajapakse, Dr Dan Joyce*

Current PhD Students (14):

- 2023- *First supervisor*: Tien An Pham (PhD on explainable AI and robotics – TRAIL DN)
 2023- *First supervisor*: Theodor Wulff (PhD on explainable AI and robotics – TRAIL DN)
 2022- *First supervisor*: Manith Adikari (PhD on robots for wellbeing and social mediation – Honda Japan)
 2022- *First supervisor*: Haodong Xie (PhD on abstract concepts in interactive robots)
 2022- *First supervisor*: Ioannis Petousakis (PhD on trust in human-robot interaction – THRIVE++)
 2021- *First supervisor*: Mehdi Hellou (ESR on personalised robotics – PERSEO ETN)
 2021- *First supervisor*: Rahul Singh Marajan (ESR on personalised robotics – PERSEO ETN)
 2021- *First supervisor*: Radu Stoican (PhD on wellbeing and robotics – Honda)
 2021- *First supervisor*: Wolodymyr Krywonos (PhD on explainable AI and trust – BAE Systems iCASE)
 2021- *First supervisor*: Hongbo Zhou (PhD in explainable AI in robotics)
 2020- *First supervisor*: Francesco Semeraro (PhD on HRI for flexible manufacturing – BAE Systems CASE)
 2020- *First supervisor*: Luca Raggioli (ESR PhD on vision and robotics – eLADDA ETN)
 2019- *First supervisor*: Hazel Taylor (PhD on explanatory AI for nuclear robotics)
 2013- *First supervisor*: Christopher Bishop (PhD on AI and space research) part-time (Univ. Plymouth)
Second supervisor (12): UoM students: Thomas Piercy, Abdullah Alhijaily, Yang Li, Ana Almada Campos
 Splitsite IIT: Ines Sorrentino, Carlotta Sartore, Luna Gava, Giuseppe L'Erario, Guglielmo Cervettini, Evelyn D'Elia, Punith Vanteddu, Cheng Guo

PhD Completions (54):

- First supervisor (25)*: Wenjie Huang (2024), Federico Tavella (2023), Ioanna Giorgi (2022), Jacopo de Berardinis (2022), Mohammad Thabet (2021), Samuele Vinanzi (2021), Baris Serhan (2021), Marta Romeo (2021), Leszek Pecyna (2021), Alexandre Antunes (2020), Gabriella Pizzuto (2020), Frederico Belmonte Klein (2020), Debora Zanatto (2019), Massimiliano Patacchiola (2018), Ricardo De Azambuja (2017), Federico Da Rol (2018), Kristiana Seepanomwan (2016), Martin Peniak (2014), Francesca Stramandinoli (2014), Marek Rucinski (2014), Fabio Ruini (2013), Vadim Tikhonoff (2009), Eduardo Coutinho (2009), Richard Holden (2005), Davide Marocco (2004)
Second/co supervisor (29): Diego Ferigo (2023), Uma Navare (2023), Fabio Bergonti (2023), Giulia D'Angelo (2022), Lorenzo Rapetti (2022), Serena Marchesi (2021), Chris Wallbridge (2021), François Foerster (2020), Thomas Colin (2020), Pontus Loviken (2019), Mohamed Abdulla (2019) Paolo Pagliuca (2019), Riccardo De Benedictis (2019), Jónata Tyska Carvalho (2017), James Kennedy (2017), Tomassino Ferrauto (2017), Giovanni Siri Carmantini (2017), Alex Smith (2017), Ilaria Torre (2017), Vieri Giuliano Santucci (2016), Salomon Martinez-Contla (2014), Dan Livingstone (2012), Gianluca Massera (2012), Mariagiovanna Mazzapioda (2012), Jared Somerville (2011), Peter Bleys (2010), Michele Burigo (2009), Rohanna Rajapakse (2004), Georgios Banavas (2000)

Affiliations to other Institutions:

- 2024 *Visiting Professor*: Waseda University, Japan
 2019- *Visiting Professor*, Università Cattolica Milan, Italy
 2018-23 *Turing Fellow*, Alan Turing Institute
 2019- *Visiting Professor*, Hohai University, China
 2019-22 *Distinguished Visiting Fellow*, AIST-AIRC, Japan
 2019- *Associate Researcher*, ICAR Institute, CNR Italy
 2021-22 *Visiting Fellow*, Institute of Advanced Studies at Loughborough University
 2021 *Visiting Professor*, Università di Torino, Italy
 2020 *Visiting Professor*, Università di Palermo, Italy
 2018-20 *Visiting Professor*: University of Plymouth, UK
 2018 *Visiting Professor*: University of Manchester, UK

- 2017 *Visiting Professor*: Sassari University, Italy
- 2016 *Visiting Professor*: Waseda University, Japan
- 2015 *Visiting Professor*: Messina University, Italy
- 2009-10 *External Faculty Member, CITEC Centre for Excellence Cognitive Technologies*, Bielefeld University
- 2016- *PhD Programme in Neuroscience*, University of Ferrara
- 2009-15 *PhD Programme in Psychology*, University of Genoa
- 2007 *Cognitive Neuroscience Institute*, UQAM University of Quebec at Montreal
- 2004-06 *Robotics and Artificial Life Lab*, Institute of Cognitive Sciences and Technology, CNR Rome
- 2001-03 *Plymouth Institute of Neuroscience (PION)*, University of Plymouth

PhD External Examinations (70+ students):

UNITEN University Malaysia (2023), University West England (2023), Durham (2022); Oxford Brookes (2022), Essex (2022); Imperial College (2020, 2017, 2014); Edinburgh (2020); Heriot Watt (2020); Palermo (2021, 2 students); Muenster (2019); Bristol (2019); Waseda (2021, 2020, 2019, 2017); Lund (2018); Aberystwyth (2017); New Bulgarian (2017); Czech Technical (2017); Birkbeck College (2017), Aristotle Thessaloniki (2016), SSSA Pisa (2015), Queensland Australia (2015, 2008), King College (2015, 2007), METU Ankara (2015), Padoa (3 students, 2015), ENSTA ParisTech (2014), INRIA-Bordeaux (2014); Genoa and IIT (2019, 2014; 7 students); Catania (2014; 6 students); Humboldt Berlin (2013), Hertfordshire (2006, 2013, 2015, 2016), Universitat Jaume I (2013), Orebro (2013), Exeter (2012), Middlesex (2012), Bielefeld (2011, 2020), De Montfort (2021, 2019, 2011), Southampton (2007), York (2006, 2008), Manchester (2006), Siena (5 PhD students, 2006), VUB Brussels (2005), NTNU (2019, 2005), Eastern Piedmont Vercelli (3 PhD students, 2005), Sussex (2003), Paisley (2003).

Internal Examiner: University of Manchester, 4 ; University of Plymouth, 10+ students

Service and Management in Research Societies

- 2022-25 *Executive Board Member*, ENNS European Neural Network Society
- 2014-15 Member of Nominations Committee, IEEE CIS
- 2014 Member of Awards Committee, IEEE CIS
- 2012-13 *Chair*, Autonomous Mental Developmental Technical Committee, IEEE CIS
- 2013- Member of the UK Computing Research Committee

Miscellaneous

- 2011 Member of BARA-AFR Academic Forum Robotics, British Automation and Robotics Association
- 2007 Management Committee Member, Autonomous Systems Network (SBAC)
- 2006 Inclusion in the 23rd (2006) Edition of *Who's Who in the World*
- 2006 Inclusion in the *Cambridge Blue Book* (2nd edition), International Biographical Centre
- 2006-12 Member of euCognition/EUCogII-EUCogIII (FP6-FP7 Coordinated Actions)
- 2004-06 Member of Society for Artificial Intelligence and Simulation of Behaviour (AISB)

7. TEACHING DELIVERY, DEVELOPMENT AND MANAGEMENT

External Examiner (Programmes, validations, REF)

- 2022- BSc *Artificial Intelligence*, Oxford Brookes University
- 2022- MSc *Artificial Intelligence*, Oxford Brookes University
- 2019-22 MSc *Cognitive Computational Neuroscience*, Goldsmith College
- 2021 MSc *Artificial Intelligence*, Sheffield Hallam University (validation)
- 2018 Mock REF output evaluation, Oxford Brookes University (UoA11)
- 2017-19 Mock REF output evaluation, De Montfort University (UoA11)
- 2014 Mock REF output evaluation, Hertfordshire University (UoA11)
- 2014 BSc *Computing for Robotics*, Oxford Brooks University (validation)
- 2007-08 MSc *Intelligent Systems*, University of Sunderland

Course Development and Validation

- 2002 *Member of the Faculty Scrutiny Panel* for approval/review of UG and PG programmes
- 2001-02 *Chairman of the Programme Planning Committee* for the BSc (Hons) Computing and Neuroscience
- 2000-03 *Member of the Programme Planning Committee* for the MSc Digital Futures, MSc Interactive Intelligent Systems, BSc (Hons) Computer Science

University Teaching: Module/Unit Leader

- 2022- Cognitive Robotics and Computer Vision (MSc Advanced Computer Science), U. of Manchester

- 2019- Cognitive Robotics (BSc year 3), University of Manchester
- 2015-18 Computational Intelligence (BSc year 3), Plymouth University
- 2015-18 Theory of Computation and Artificial Intelligence (BSc year 2)
- 2015-16 Applied Artificial Intelligence (BSc year 3)
- 2010-15 Computational Intelligence (BSc year 2)
- 2005-15 Evolutionary Computation and Artificial Life (BSc year 3)
- 1999-15 Introduction to Artificial Intelligence (BSc year 2)
- 1998-09 Artificial Intelligence for Interactive Media (BSc year 2)
- 1998-04 Cognition and Interaction (BSc year 3)
- 1999-02 Advanced Evolutionary and Adaptive Computation (MSc)

University Teaching: Modules shared with colleagues

- 2018- Machine Learning and Statistics II (MSc Data Science), University of Manchester
- 1997-18 Plymouth University: Intelligent Systems (year 1), Topics in Advanced Intelligent Robotics (MSc), Computer Science Workshop, Interactive Intelligent Systems Workshop (MSc), Alternative Computing Paradigms (year 2), Multimedia Entertainment Systems (year 3), Multimedia Workshop II (year 1), Design for Virtual Reality (year 3)
- 1993-97 General Psychology, Developmental Psychology (Teaching Assistant, University of genoa), Cognitive Science (Teaching Assistant, University of Siena)

Project/Thesis Supervisions

- 2018- MSc and BSc (Hons) projects for MSc Advanced Computer Science and BSc (Hons) Computer Science, University of Manchester
- 1997-18 MSc projects for: MSc Robotics, MSc Computer Applications (previously also for MSc Computational Intelligence, MSc Interactive Intelligent Systems), Plymouth University
- 1997-18 BSc (Hons) projects, in BSc (Hons) Computing programmes (previously also for BSc Hons MediaLab Arts, BSc Hons Digital Arts & Technology, BSc Hons Computing Informatics, BSc Hons Multimedia Computing), Plymouth University

Teaching in other Academic Institutions

- 2019- *Cognitive Robotics*, Università Cattolica, Milan
- 2017 *Developmental Robotics and Cognitive Modelling*, University of Sassari
- 2015 Federica.unina.it MOOC, *Developmental Robotics*
- 2017 *Developmental Robotics and Cognitive Modelling*, University of Messina
- 2005 Introduction to Neural Networks, *Master in Cognitive Science*, University of Genoa
- 2004 Introduction to Programming, *MSc/Laurea in Arts, Music and Performance – Multimedia Specialisation (DAMS)*, University of Calabria
- 2004 Introduction to Neural Networks, PhD in Artificial Intelligence, University of Calabria

8. PEER ESTEEM INDICATORS

Management of Scientific Journals:

- 2019- *Editor-in-Chief*, "IET Cognitive Computation and Systems" (IET)
- 2008- *Editor-in-Chief*, "Interaction Studies" (John Benjamin Publishing)
- 2015 *Editor-in-Chief*, "IEEE Transactions in Autonomous Mental Development" (IEEE)
- 2023- *Associate Editor*, "International Journal of Robotics Research" (Sage)
- 2023- Editorial Board Member, "Artificial Intelligence Research" (CAAI)
- 2022- Editorial Board Member, "MAKE Machine Learning and Knowledge Extraction" (MDPI)
- 2022- Editorial Board Member, "AI and Autonomous Systems" (ELS Publishing)
- 2021- Associate Editor, "Frontiers in Digital Health - Connected Health" (Frontiers)
- 2020- *Associate Editor*, "Robotics" (Cambridge Univ. Press)
- 2019- *Associate Editor*, "International Journal of AI and Consciousness" (World Scientific)
- 2016- *Associate Editor*, "IEEE Transactions in Cognitive and Developmental Systems" (IEEE)
- 2014 *Associate Editor*, "IEEE Computational Intelligence Magazine" (IEEE)
- 2014-16 *Associate Editor*, "Artificial Intelligence Review" (Springer)
- 2012-14 *Associate Editor*, "TopiCS in Cognitive Science" (CSS)
- 2011-14 *Associate Editor*, "IEEE Transactions in Autonomous Mental Development" (IEEE)
- 2011- *Associate Editor*, "International Journal of Signs and Semiotic Systems" (IGI Global)

- 2010- *Associate Editor*, “Cognitive Systems Research” (Elsevier)
- 2007- *Associate Editor*, “Connection Science” (Taylor & Francis)
- 2007- *Associate Editor*, “Frontiers in Neurorobotics” (Frontiers Foundation)
- 2011- *Editorial Board Member*, “Advances in Artificial Neural Systems” (Hindawi)
- 2006-17 *Editorial Board Member*, “Journal of Neurolinguistics” (Elsevier)
- 2009- *Editorial Board Member*, “Paladyn. Journal of Behavioral Robotics” (Versita-Springer)
- 2009- *Editorial Advisor*, “Neurorobotics Magazine” (Dahlitz Media)
- 2006- *Editorial Consultant Member*, “International Journal of Advanced Robotic Systems”
- 2003-07 *Editorial Board Member*, “Interaction Studies” (John Benjamin Publishing)
- 2006-07 *Editorial Board Member*, “Connection Science” (Taylor & Francis)
- 2017 *Guest Editor*, “ACM Transactions on Interactive Intelligent Systems” (ACM)
- 2017 *Guest Editor*, “Frontiers in Neurorobotics” (Frontiers)
- 2013 *Guest Editor*, “Paladyn. Journal of Behavioral Robotics” (Versita-Springer)
- 2006 *Guest Editor*, “Mind and Society” (Springer) – special issue
- 2005 *Guest Editor*, “Connection Science” (Taylor & Francis) – special issue

Management for Scientific Publishers:

- 2010- *Editor*, Book Series on “Advances in Interaction Studies” (John Benjamin Publishing)
- 2010 *Scientific Committee*, Book Series on “Mente and Sistemi Cognitivi” (Aracne Editrice)

International Conference and Workshop Organisation/Chair:

- 2024 *Workshop Co-Organiser*, ROMAN 2024 “Mind Attribution in HRI: Determinants and Consequences”, Pasanina, August 2024
- 2023 *Workshop Co-Organiser*, ACII 2023 Affective HRI, Cambridge MA, September 2023
- 2023 *Special Session Co-Organiser*, ICANN Neurorobotics Special Session, Crete, September 2023
- 2023 *Workshop Co-Organiser*, ICRA Workshop on Towards a Balanced Cyberphysical Society: A Focus on Group Social Dynamics, London, May 2023
- 2023 *Workshop Co-Organiser*, HRI22 Workshop on Social Robots Personalisation: at the crossroads between Engineering and Humanities (CONCATENATE), Stockholm, March 2022
- 2022 *General Chair*, ICANN 2022 The 31st International Conference on Artificial Neural Networks, Bristol 6-9 September 2022
- 2022 *Associate Editor*, RO-MAN 2022, 31st IEEE International Conference on Robot and Human Interactive Communication, Naples, 29 August – 2 September 2022
- 2022 *Publicity Chair*, IEEE ICDL 2022 Conference, Beijing, 12-15 September 2022
- 2021 *Workshop Co-Chair*, RSS 2021 Towards Intelligent Social Robots (ISoR): Trustworthy Human-Centered AI under Uncertainty”
- 2021 *Workshop Co-Chair*, ROMAN-21 Workshop on “Exploring Social Credibility and Trust in HRI”, Canada (online), 9 August 2021
- 2021 *Workshop Co-Chair*, ROMAN-21 Workshop on “REDOUBLE2021: Redoubling Trust in RobotsAre we ready to Trust Robots in the Healthcare Setting - Technical, Societal, Cultural, and Ethical Concerns and Challenges”, Canada (online), 8,12 August 2021
- 2021 *General Chair*, IEEE ICDL 2021 Conference, Beijing, 23-26 August 2021 (hybrid)
- 2021 *Workshop Co-Chair*, HRI21 Workshop on Child-Robot Interaction & Child’s Fundamental Rights, Colorado (online), March 2021
- 2020 *Workshop Co-Chair*, NeurIPS2020 Workshop “BabyMind: How Babies Learn and How Machines can Imitate”, virtual, 5-11 December 2020
- 2020 *Publicity Chair*, IEEE ICDL-EPIROB 2020 Conference, Chile, September 2020
- 2020 *Workshop Co-Chair*, ICRA2020 Workshop on Human-Robot Handovers, Paris, May 2020
- 2020 *Workshop Co-Chair*, WCCI2020 Workshop on Artificial Intelligence for Improving Trustworthiness of Robots and Autonomous Systems, Glasgow, July 2020
- 2020 *Workshop Chair*, Turing UK-Italy Workshop on Robotics and AI Collaboration, Rome, 2020 (postponed)
- 2020 *Workshop Co-Chair*, HRI2020 Workshop on Exploring Creative Contents in Social Robotics, Cambridge, March 2020
- 2019 *Workshop Chair*, Turing Workshop on Robotics and AI for Health and Social Care, Manchester, Oct 19
- 2019 *Symposium Co-Chair*, 2019 IEEE SSCI Symposium on Personal Robotics, Xiamen, December 2019
- 2019 *Robotics Liaison – Organising Committee*, IJCNN 2018 Conference, Budapest, July 2019
- 2019 *Workshop Co-Chair*, 2019 IEEE ICDL-EpiRob Workshop on Personal Robotics, Oslo, August 2019

- 2019 *Special Session Co-Chair*, 2019 IJCNN Session on Mind, Brain, and Cognitive Algorithms, Budapest
- 2019 *Co-Chair*, Workshop on Advances in Data Science, Manchester, May 2019
- 2019 *Co-Chair*, Shonan meeting on “Learning to communicate: Challenges in language learning by AI, robots and human”, Japan, February 18–22
- 2018 *PC Co-Chair*, CSIP Cognitive Systems and Information Processing Conf, Beijing, November 2018
- 2018 *Special Session Co-Chair*, IJCNN2018 Cognition and Development, Rio De Janeiro, July 2018
- 2018 *General Chair*, IEEE ICDL-EPIROB 2018 Conference, Tokyo, September 2018
- 2017 *Co-Chair*, AI4Health Workshop at 11th Intl. Conf. Health Informatics (HEALTHINF), Madeira, January
- 2017 *Bridging Chair*, IEEE ICDL-EPIROB 2017 Conference, Lisbon, September 2017
- 2017 *Special Session Co-Chair*, IJCNN 2017 Session on Cognition and Development, Anchorage, May 17
- 2016 *Honorary Chair*, HM2016 10th International Workshop on Hybrid Metaheuristics, Plymouth, 8-10 June
- 2016 *Special Session Co-Chair*, 2015 WCCI on Mind, Brain, and Cognitive Algorithms, Cape Town, Dec
- 2015 *Symposium Co-Chair*, 2015 IEEE SSCI Symposium on Computational Intelligence, Cognitive Algorithms, Mind, and Brain (CCMB), Cape Town, December 2015
- 2015 *Workshop Co-Organiser*, BMVA 2015 Session on Context Aware Cognitive Systems, London, 17 July
- 2015 *Special Session Co-Chair*, IJCNN 2015 Session on Cognition and Development, Ireland, July 2015
- 2014 *Symposium Co-Chair*, 2014 IEEE SSCI Symposium on Computational Intelligence, Cognitive Algorithms, Mind, and Brain (CCMB), Orlando, December 2014
- 2014 *Invited Session Co-Chair*, Advances in Intelligent Control for Cognitive Robotics, 2014 IEEE Multi-conference on Systems and Control, Antibes, October 2014
- 2014 *Workshop Co-Chair*, RO-MAN 2014: 23rd IEEE International Symposium on Robot and Human Interaction Communication (Edinburgh, August 2014)
- 2014 *Workshop Co-Chair*, Neurobiologically Inspired Robotics Workshop, ICRA2014: International Conference on Robotics and Automation (June 2014, Hong Kong)
- 2014 *Special Session Co-Chair*, IJCNN 2014 Mind, Brain, Development & Cognitive Algorithms, Beijing, July
- 2013 *General Co-Chair*, IEEE ICDL-EPIROB 2013 Conference, Osaka, August 2013
- 2012 *Conference Co-Chair*, Postgraduate Conference on Developmental Robotics and Development of Cognition, Lausanne, September 2012
- 2012 *Organising Chair*, EU Parliament Workshop on “European Research Leadership in Robotics” Brussels Altiero Spinelli Parliament Building, March 2012
- 2011 *Special Session Chair*, WCCI2012 Joint W. Bio-Inspired Developmental Mechanisms, Brisbane, June
- 2011 *General Co-Chair*, IEEE ICDL-EPIROB 2011 Conference, Frankfurt, 24-27 August 2011
- 2011 *Workshop Chair*, Spring School on Interdisciplinary Methods in Cognitive Robotics, Budapest, May 2-4
- 2010 *Workshop Chair*, SCL2010: Interdisciplinary W. on Society, Culture & Language, Plymouth, November
- 2010 *Conference Co-organiser*, EVOLANG-2010, 8th Intl. Conf. Evolution of Language (Netherlands, 2010)
- 2009 *Workshop Chair*, Workshop on Cognitive Modelling with Neural Network and Dynamic Logic, KIMAS-2009, St. Louis MA, October 11 2009)
- 2008 *Workshop Chair*, Intl. W. Integration of Action and Language Knowledge in Robots (Rome, Sept)
- 2008 *Conference Co-organiser*, EVOLANG-2008, 7th Intl. Conf. Evolution of Language (Barcelona, March)
- 2007 *Special Session Organiser*, KIMAS2007, Special Session on “Modeling Language” (Boston, May 3)
- 2006 *Conference Chair*, EVOLANG6, 6th Intl. Conference on the Evolution of Language (Rome, 12-15 April)
- 2006 *Special Session Chair*, IJCNN2006 Modeling Evolution and Acquisition of Language (Vancouver, July)
- 2006 *Workshop Co-organiser*, International Workshop on External Symbol Grounding (Plymouth, 3-4 July)
- 2005 *Symposium Chair*, 2nd International Workshop on the Emergence and Evolution of Linguistic Communication – an AISB05 Symposium (Hertfordshire, April 2005)
- 2004 *Conference Chair*, 9th Neural Computation and Psychology Workshop (Plymouth, Sept. 2004)

Keynote/Invited Speaker to International conferences/workshops:

- 2024 Keynote Speaker, MetroXRINE2024, October 2024, St Albans UK
- 2024 Keynote Speaker, ICP2024, July 2024, Prague
- 2024 Keynote Speaker, ICIS2024, 10 July 2024, Glasgow
- 2024 Keynote Speaker, AIAI2024, June 2024, Corfu Greece
- 2024 Invited Speaker, ICRA2024 LHMP2024 Workshop, May 2024, Yokohama Japan
- 2024 Keynote Speaker, ICARA2024, 24 February 2024, Athens
- 2023 Invited Speaker, AI and Multiculturalism Workshop (Progress Times), Milan
- 2023 Keynote Speaker, BAE Systems Virtual PhD Conference, Online

- 2023 Plenary Speaker, Young Scientist Symposium 2023 (YSS 2023), Vienna
- 2023 Keynote Speaker, BICA*AI 2023 Conference, October 2023, Ningbo China
- 2023 Keynote Speaker, ICANN2023, 27 September 2023, Crete Greece
- 2023 Invited Speaker, 2023 Westlake International Symposium in Engineering, Hangzhou (online)
- 2023 Invited Speaker, Developing Minds Global Lecture Series, 28 June 2023, online
- 2023 Invited Speaker, ChatGPT and Robotics, 30 March 2023, Milan
- 2023 Invited Speaker, Robotics & Automation Conference, 29 March 2023, Birmingham
- 2022 Invited Speaker, ShanghAI lecture series, 3 November 2022 (shanghailectures.org)
- 2022 Invited Speaker, Workshop on Open and Trustworthy Deep Learning for Robotics, IROS2022, Kyoto, 27 October
- 2022 Invited Speaker, Workshop on Workshop on Human Theory of Machines and Machine Theory of Mind for Human Agent Teams, IROS2022, Kyoto, 27 October
- 2022 Keynote Speaker, Journée FéDeV 2022, Paris, 12/10/22
- 2022 Keynote Speaker, PRIDE-AI Workshop on robotics and dentistry, Plymouth, 7/10/22
- 2022 Invited Speaker, 2022 World 5G Convention, Robot and Intelligent Equipment Industry Forum. Harbin, 11/8/22
- 2022 Invited Speaker, Workshop on Research Scoping Security and Privacy in RAS, Sheffield, 30/6/22
- 2022 Keynote Speaker, 26th Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD 2020). Rhodes, 20 June 2022
- 2022 Keynote Speaker, ISoIRS 2022: International Symposium on Intelligent Robotics and Systems, June. 10-12, 2022, Chengdu China (online)
- 2022 Invited Speaker, ICRA 2023 Workshop on "Embodied Mediator", 23 May 2022 (online)
- 2022 Keynote Speaker, 2022 International Conference on Advanced Control, Automation and Robotics (ICACAR 2022). March 26-28, 2022 in Guangzhou, China (online)
- 2021 Invited Speaker, US ARL Mid-Term Tech Forecasting Virtual Workshop: Artificial Intelligence, December 2021 (online)
- 2021 Invited Speaker, POETICON workshop on "Challenges and way-forward in developing Cognitive Architectures", Athens/Online, 22 September 2021 (online)
- 2021 Invited Speaker, ISRIMT 2021, 3rd International Symposium on Robotics & Intelligent Manufacturing Technology, Hohai University - online, 24 September 2021 (online)
- 2021 Keynote Speaker, MCAIT: 5th International Multi-Conference on Artificial Intelligence Technology, Malaysia-online, 4 August 2021 (online)
- 2021 Invited Speaker, ICRA 2021 Workshop on "Semantic Representations for Robotics through Continuous Interaction and Incremental Learning", 31 May 2021 (online)
- 2021 Keynote Speaker, BPS British Psychological Society Annual Conference, 1 July 2021 (online)
- 2021 Keynote Speaker, Embodied Cognition at the Crossroads of Philosophy, Linguistics, Psychology and Artificial Intelligence, Romania 13 May 2021 (online)
- 2021 Invited Speaker, FRR Robotics Global Colloquium "10 years with the iCub" - 29 April 2021
- 2021 Invited Speaker, TransAIR virtual workshop on Cognitive Architectures for Robot Agents, March 2021
- 2021 Invited Speaker, Intl. Workshop on Next Generation Embodied Intelligence (online), 24 March 2021
- 2021 Invited Speaker, IROHMS Future Leaders Academy on Ethical and Explainable AI (online), 27 Jan 21
- 2020 Invited Speaker, Winter School on Machine Learning and Robotics (Innopolis University), Russia (online), 8 December 2020
- 2020 Invited Speaker, GDR Robotique (CNRS Robotics Meeting), France (online), 5 November 2020
- 2020 Invited Speaker, IEEE RO-MAN Workshop on Adaptive Vision for HRI, Naples August 2020
- 2020 Keynote Speaker, World Conference on AI, Symposium on Cloud Robotics, China (online), July 2020
- 2020 Keynote Speaker, 26th Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD 2020). Rhodes, 23 June 2020 (online talk for keynote-only conference event)
- 2019 Invited Speaker, Nature Conference on AI & Robotics, Shenzhen, 2-3 September 2019
- 2019 Invited Speaker, Science Festival "FOCUS Live". Milan, 21 November 2019
- 2018 Keynote Speaker, Workshop on AI and Cognitive Science. Tijuana, 14 November 2018
- 2018 Invited Speaker, Science Festival "FOCUS Live". Milan, 9 November 2018
- 2018 Keynote Speaker, 7th Peripatetic Conference on Cognitive Systems Modelling, Poland 19 Oct 2018
- 2018 Invited Speaker, Bosch R&D, Renningen Germany, 10 October 2018
- 2018 Invited Speaker, Workshop on Towards Intelligent Social Robots, IROS2018, Madrid, 5 October
- 2018 Invited Speaker, W. on Crossmodal Learning for Intelligent Robotics, IROS2018, Madrid, 5 October
- 2018 Keynote Speaker, 6th Intl. Workshop on Artificial Intelligence and Cognition. Palermo, July 2018

- 2018 Invited Speaker, International Workshop on Developmental Dynamics. UEA Norwich, June 2018
- 2018 Invited Speaker, BioVisionAlexandria BVA2018 Conference, Alexandria Egypt, 21 April 2018
- 2018 Invited Speaker, Workshop on Social Robotics (Behavioi.ai). Lyon, March 2018
- 2017 Invited Speaker, International Symposium on Perception, Action, and Cognitive Systems. Seoul, Nov.
- 2017 Invited Speaker, Accademia Nazionale di Scienze Lettere ed Arti di Palermo, November 2017
- 2017 Invited Speaker, London Showcase Event on E-Health. London, October 2017
- 2017 Invited Speaker, Intrinsically Motivated Open-ended Learning Workshop. Rome, 4 October 2017
- 2017 Keynote Speaker, Rimadesio SpA, Milan, 28 September 2017
- 2017 Invited Speaker, CITEC Summer School, Bielefeld, 8 September 2017
- 2017 Invited Speaker, Congress of the Italian Developmental Psychology Association, Catania, 13 Sept
- 2017 Chief Guest, Conference on Energy and Power Systems, Madurai India, April 2017
- 2017 Invited Speaker, Workshop on Mind and Brain, Pavia, February 2017
- 2016 Invited Speaker, JSSR2016 2nd Joint UAE Symposium on Social Robotics. United Arab Emirates, Nov
- 2016 Invited Speaker, IROS 2016 W. Bio-inspired social robot learning in home scenarios. Korea, October
- 2016 Invited Speaker, Workshop on New technologies and the Value of Psychology (CNR-AIP). Rome, Sept
- 2016 Keynote Speaker (IET Lecture), TAROS16: 17th Towards Autonomous Robotic Systems. Sheffield, June
- 2016 Keynote Speaker, MODELACT Conference on Action, Language and Cognition, Rome, 6 June 2016
- 2016 Keynote Speaker, SETN 2016: 9th Hellenic Conf. on Artificial Intelligence. Thessaloniki, 18 May 2016
- 2016 Invited Speaker, Google, Workshop on Natural Language Understanding, London, 17 May 2016
- 2015 Keynote Speaker, IEEE ICTAI 2015, 27th Intl. Conf. Tools for Artificial Intelligence, Vietri sul Mare, Nov
- 2015 Keynote Speaker, AISC2015 Italian Association of Cognitive Science Conference, Genoa, Dec 2015
- 2015 Invited Speaker, Symposium on Action, Language and Space, ICSC 2015, Rome, September 2014
- 2015 Invited Speaker, ICAR2015 Workshop on Robot Learning, Istanbul, 31 July 2015
- 2015 Invited Speaker, ICRA2015 Workshop on Cognitive Robotics as Interdisciplinary Science, Seattle, May
- 2015 Invited Speaker, Workshop on Robot Learning, Padova, April 2015
- 2014 Invited Speaker, ShanghAI lecture series, 20 November 2014 (shanghailectures.org)
- 2014 Keynote Speaker, BMVA Workshop on "Vision for language and manipulation", London 11 July 2014
- 2014 Invited Speaker, ICRA2014 3rd iCub and Friends Workshop, Hong Kong, 5 June 2014
- 2014 Invited Speaker, ICRA2014 Neurobiologically Inspired Robotics Workshop, Hong Kong, 5 June 2014
- 2014 Invited Speaker, ROBOFORUM, Moscow, 17-18 May 2014
- 2014 Keynote, AISC2014 Midterm Conference of the Italian Association of Cognitive Science, Enna, April
- 2014 Keynote Speaker, 3rd Intl Symposium New Frontiers in Human-Robot Interaction, AISB50, London April
- 2014 Keynote Speaker, HRI2014 W. Cognitive Architectures for Human-Robot Interaction, Bielefeld, March
- 2013 Keynote Speaker, IROS 2013 Workshop on Developmental Social Robotics (DevSoR) Tokyo, Nov
- 2013 Invited Speaker, Shonan Meeting on Social Cognitive Robotics, Japan, 10-14 November 2013
- 2013 Invited Speaker, ShanghAI lecture series, 31 October 2013 (shanghailectures.org)
- 2013 Invited Speaker, eXperience Summer School, Majorca, 3 October 2013
- 2013 Keynote Speaker, AVSP2013, 12th Intl. Conf. Auditory-Visual Speech Processing, Annecy, August
- 2013 Keynote Speaker, SMLC-2013, Synthetic Modeling of Life and Cognition Workshop, Bergamo, Sept.
- 2013 Invited Speaker, Bilingual Mind & Bilingual machine Summer School, Plymouth, 24-28 June 2013
- 2013 Invited Speaker, ICRA2013 W. on Bootstrapping Structural Knowledge Karlsruhe, Germany, May
- 2012 Keynote Speaker, AGI-2012, 5th Artificial General Intelligence Conference, Oxford, 8-9 Dec 2012
- 2012 Keynote Speaker, PPSN-2012 12th Intl. Conf. Parallel Problem Solving From Nature, Taormina, Sept
- 2012 Invited Speaker, Cognitive Reading Workshop, Lund, 3-5 March 2012
- 2011 Keynote speaker, HRI2011 6th International Conference on Human-Robot Interaction, Lausanne, 6-9 March
- 2011 IET Lecture (Institute of Engineering and Technology), Plymouth, 1 November 2011
- 2010 Keynote speaker, NAIS-2010 Norwegian Artificial Intelligence Symposium, Norway, 22 November 2010
- 2010 Keynote speaker, EpiRob-2010, the 10th International Conference on Epigenetic Robotics, Sweden, Nov.
- 2010 Invited Speaker, Research Leadership Course, Northumbria University at Newcastle, 10 June 2010
- 2010 Invited Speaker, IET Humanoid Robotics Symposium, London, 8 March 2010
- 2009 Invited Speaker, POETICON Workshop on Grounding, Athens, 5 December 2009
- 2009 IET Lecture (Institute of Engineering and Technology), Plymouth, 18 October 2009
- 2009 Keynote speaker, Annual Meeting of the Brazilian Cognitive Society, Campinas Brazil, 2-4 Sept 2009
- 2009 Keynote speaker, VC Research and Enterprise Conference, University of Plymouth, 29 April 2009
- 2008 Invited Speaker, CITEC Anniversary Workshop, University of Bielefeld, November 19 2008
- 2008 Invited Speaker, UK NanoForum2008, University of Bristol, October 29-30 2008

- 2008 Doctoral Programme, Lectures on AI and Robotics, Hanse-Wissenschaftskolleg, Delmenhorst, Oct
 2008 Invited Speaker, Summer Institute of "Mind & Society", Montreal June 27-July 6 2008
 2007 ICCS07 7th Intl. Conf. on Complex Systems, Special Session on "Language and Complexity", Boston
 2006 Invited Speaker, Science Festival, Workshop "Language Acquisition in Robots and Children", Genoa
 2006 Invited Speaker, Workshop on Language and Cognition, planning meeting for research priorities in the EU Framework VII (IST-Cognitive Systems) (Luxemburg)
 2005 Keynote, IEEE Intl. Conf. Integration of Knowledge Intensive Multi-Agent Systems: KIMAS'05 (Boston)
 2005 Summer School on Neural Network Models of Perception, Action and Embodied Knowledge, Bologna
 2005 Invited Speaker, Conference on Cognitive Dynamics and the Language Sciences (Cambridge)
 2005 CiE2005 Conf. Computability in Europe, Session: Epistemology & Methodology of Computing, NL
 2003 Symposium on Evolvability, Genetics & Development in Natural & Constructed Systems, Hertfordshire
 2003 International Workshop on Learning and Concept Formation (Lund, Sweden)
 2002 Invited, TENNET XIII: Annual Meeting Theoretical & Experimental Neuropsychology (Montreal)
 2002 Invited Speaker, Intl. Workshop on Language and Motor Integration (Edinburgh)
 2002 Invited Speaker, ESF Workshop on the Neurobiology of Communication (Cambridge)
 2000 Invited Speaker, Intl. Workshop on Evolutionary Computation and Cognitive Science (Melbourne)
 1997 Invited Speaker, International Workshop on the Evolution of Syntax (Budapest)
 1997 Invited Speaker, Workshop on Models of Learning (Pavia)

Programme/Scientific Committees in International Conferences/Workshops:

- 2022 RO-MAN, CD-MAKE, ICSI, ICSR, ICDL, NeurIPS(TEA)
 2021 IJCNN, RO-MAN, CD-MAKE, ICRIC, WIVACE, PSYCHOBIT
 2020 cAESAR2020, WIVACE, WCCI-IJCNN, TAROS, ICDL-EpiRob, CD-MAKE, HRI-Pioneers
 2019 ICDL-EpiRob, LOD, WIVACE, IJCAI, ICINCO, L2A2, CLIC-it
 2018 CogSci2018, ICRAI, ICANN, ICINCO WIVACE, BIBE2018, RTSI, LOD, LANAS, ICICAR, APA TMS (Senior PC), GECCO, BAILAR
 2017 ICTAI (Area Chair), ALIFE 6, CLIC-it, AIC, ICANN, MOD, ECAL, WIVACE, GLU2017 CogSci, INTERSPEECH, GECCO, ICINCO, IJCNN, Robotic Computing, HRI, ICMV
 2016 CL4LC-COLING, ICDL-EpiRob, GECCO, SAB, AIC, ICINCO, ALIFE XV, HIS, Neuroinformatics, ICTAI
 2015 TAROS, AIC, Protolang4, WIVACE, ICSR, ICAR, GECCO, CEC
 2014 SocialCom, ICDL-EpiRob, ICSR, AIC, ICANN, SAB, WIVACE, SocialCom, GECCO, CogSci, CEC, ALIFE 14
 2013 NaBIC2013, SMLC, SocialCom, RO-MAN, ECAL, CEC, GECCO, CogSci
 2012 SAB, ECTA, ICSI, ICANN, SocialComp, ESLP, CogSci
 2011 NaBIC, SocialComp, CEC, GECCO, ECAL, IJCA, RO-MAN, CogSci, ALIFE, SSCI- CCMB
 2010 EpiRob, ICML, ICDL, IJCNN, CEC, GECCO, SAB
 2009 EpiRob, CEC, ECAL, ALIFE IX, ICEC
 2008 GECCO, WCC, SBIA, AKRR, SAB, EHSWEC, WIVACE
 2007 WIMTC, ALIFE VII, ICDL, ECM_MAI, ECAL, ACAL, WIVACE, GECCO, CIDM
 2006 ICDL, ICCS, SAB, EELC, KES, AISC
 2005 CogSci, IJCAI
 2005 AKRR, GECCO, SMAS, WIVACE
 2004 ALIFE IX, EVOLANG5, GECCO
 2003 WIVACE, ECAL03
 2002 EVOLANG4, ALIFE VIII
 2000 GECCO, ALIFE VII
 1999 ECAL, GECCO

Referee for international journals

- 1997- *Behavioral and Brain Sciences, Cognitive Science, Artificial Intelligence, PLoS ONE, Connection Science, Adaptive Behavior, Artificial Life, Brain & Language, Trends in Cognitive Science, IEEE Transactions in Evolutionary Computation, IEEE Transactions on Systems Man and Cybernetics B, IEEE Transaction on Robotics, Autonomous Robots, Evolutionary Computation, Neural Networks, European Physical Journal B, Genetic Programming and Evolvable Machines, Neurocomputing, Evolutionary Intelligence, Circuits Systems and Signal Processing, Neural Processing Letters, Cognitive Systems Research, Reviews for Life Sciences, Physics of Life Reviews, ACM Crossroad, Giornale Italiano di Psicologia, Rivista di Psicologia*

Referee for research grants

- 2002- EPSRC Engineering and Physical Sciences Research Council, Reviewer College (also Large Grant Panel, 2008; Engineering Panel member 2014, 2016)
- 2002- ESRC Economic and Social Research Council (also Large Grant Panel member in 2007-08)
- 2018- *Latvian Council of Science; Kazak Research Agency*
- 2013 NIHR-CCF National Institute for Health Research Central Commissioning Facility (UK)
- 2011- MRC Medical Research Council
- 2009- BBSRC Biology and Biotechnology Sciences Research Council
- 2007- *ESF European Science Foundation (College of Reviewer)*
- 2005 *NSF-USA National Science Foundation*
- 2005- *European Union (FP7, H2020)*
- 2003- *The Nuffield Foundation*

Other international funders: Latvia Council of Chair, JSC National Centre of Science and Technology Evaluation, Kazakhstan, Cyprus Research Promotion Foundation, Canada Chair programme, CHIST-ERA (ANR) Panel Member, New Zealand Ministry of Business, Innovation & Employment, WWTF Vienna Science and Technology Fund Austria, United Arab Emirates Research Grants, Croatian Ministry of Education (Unity through knowledge Fund), Dutch Research Council (Technology Foundation STW)

Invited Speaker for seminars:

UK: Bath, Birkbeck, Birmingham, Edinburgh, Exeter, De Montfort, Glasgow, Heriot Watt, Leeds, Liverpool, Manchester, Middlesex, Queen Mary, Sheffield, Southampton, Sussex, Surrey, Sunderland, York, ARM Cambridge

Overseas: Stanford, Harvard, MIT, University of Southern California, Osaka, Waseda University, Rutgers University, Maryland College Park, University of California at San Diego, NTNU Trondheim, RUG Groningen, Taiwan TNUST Taipei, Orebro, Skovde, Bilgi Istanbul, METU Ankara, Autónoma del Estado de Morelos Mexico, Genova, Pavia, Modena e Reggio Emilia, Calabria, Palermo, Catania, ISTC-CNR Rome, Enna Kore, Naples Federico II, Sassari, Messina, Salento Lecce, Bari, Cagliari, Siena, Cattolica Milan, Xiamen University Malaysia, University Sains Malasia

Industrial collaborations:

Honda Research Institute (Europe, Japan); BAE Systems

Past collaborations: SoftBank/Aldebaran Robotics, SciSys UK, Telerobot SpA Italy

Media Coverage (partial list)

- 2018 Scientific American, Cover page and article on “Self Taught Robots” (March issue)
- 2017 Interview and robot experiments in BBC documentary “The Hyper Evolution of Robots”
- 2016 Robot experiments featured in US PBS Documentary “The Brain, by David Eagleman”
- 2016 Robot experiments featured in docu-film “The Genius of George Boole”.
- 2011 *ERCIM News*, 84, European Research Consortium for Informatics and Mathematics. Article on “Evolving Autonomous Mars Rovers” by A. Cangelosi, D. Izzo, K. Ampatzis (January 2011)
- 2009 *ITV News* on Schools Robot Competition (27/11/2009)
- 2009 Quotation of my interview at the article on the iCub robot in the journal *Nature*.
- 2008 *Wide coverage of ITALK project launch* in UK media (e.g. BBC News, Telegraph, Times).
- 2006 *Italian RAI Radio 3*, live interview on Talking Robots research, 30/10/06
- 2006 *BBC Radio Devon*, live interview on Talking Robots research, 31/8/06
- 2006 *New Scientist* on-line, “Virtual bots teach each other using wordplay”, 2/8/2006, by Tom Simonite
- 2005 *AISB Quarterly*, “Conference Report on the 9th Neural Computation and Psychology Conference: Modelling Language, Cognition and Action”. Article by Cangelosi A., Bugmann G., Borisyuk R.
- 2003 *Flash Informatique*, EPFL Lausanne magazine, “Le Martien, les champignons et les réseaux de neurones”, pp. 15-20 (spécial été: Hippocrate, le gène et la puce). Article by M. Coulmance
- 2002 *Careers Adviser Magazine*, The Independent Newspaper, “Computing meets neuroscience: The UK prepares for new challenges ahead”, 6(4), p. 26, article by A. Cangelosi and M. Denham.

PUBLICATIONS OF ANGELO CANGELOSI

Books

1. **Cangelosi A., Asada M. (Eds.) (2022). *Cognitive Robotics*. Cambridge, MA: MIT Press**
2. Cangelosi A., Di Nuovo S. (2017). [La mente Simulata \(The Simulated Mind\)](#). Firenze: Giunti (ebook)
3. Blesa M.J., Blum C., Cangelosi A., Cutello V., Di Nuovo A., Pavone M., Talbi E. (Eds.) (2016). [Hybrid Metaheuristics: Proceedings of 10th International Workshop, HM 2016 \(Lecture Notes in Computer Science 9668\)](#), Springer
4. **Cangelosi A., Schlesinger M. (2015). [Developmental Robotics: From Babies to Robots](#). Cambridge, MA: MIT Press** (Chinese edition 2017¹ Japanese edition 2019²)
5. Di Nuovo S, Cangelosi A (Eds) (2015). [Vita Naturale, Vita Artificiale \(Natural Life, Artificial Life\)](#). Milano, Franco Angeli.
6. Lyon C., Nehaniv C.L., Cangelosi A. (Eds.) (2007). [Emergence of Communication and Language](#). London: Springer.
7. Cangelosi A., Smith A, Smith K. (Eds.) (2006). [The Evolution of Language: Proceedings of the 6th International Conference on the Evolution of Language](#). Singapore: World Scientific.
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