

ANGELO CANGELOSI, PhD

Born 26 June 1967 in Alcamo (Italy), Married with 2 daughters

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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*, University of Rome "La Sapienza" (110/110 *cum laude*)
 1997-98 *UK Accreditation for Teaching in Higher Education (TLHE-SEDA Certificate)*
 1997-01 *Full Member of the Italian Psychological Association (Professional Body)*

2. CURRENT POSITION AND EMPLOYER

2006- *Professor of Artificial Intelligence and Cognition*
 School of Computing and Mathematics, University of Plymouth (UK)

Main duties (full details and lists in sections 7 and 8)

- *Research*: Lead proposer of "CRNS Centre for Robotics and Neural Systems"
- *Senior management*: RAE/REF coordinator¹; Subject Group Co-Chair Artificial Intelligence;
- *Teaching*: BSc/MSc modules in Artificial Intelligence, Cognition, Human Computer Interaction

3. EMPLOYMENT HISTORY

- 1997- *Previous positions at the University of Plymouth*
 Reader (2004 – 2006)
 Principal Lecturer (2002 – 2004)
 Senior Lecturer (1998 – 2002)
 Lecturer (1997 – 1998)
- 2004-06 *Adjunct Researcher*, Institute of Cognitive Science & Technology, CNR National Research Council Rome
- 1996 *Visiting Scholar at the University of Southampton*, Cognitive Science Centre (Prof. S. Harnad)
- 1994-95 *Visiting Scholar at the University of California at San Diego*, Center for Research in Language (Prof. J. Elman), and Centre for Behavioural Neurobiology (Prof. W. Kristan)
- 1993-97 *Teaching assistant* for courses of Cognitive Science and of General, Cognitive and Developmental Psychology (University of Genoa and University of 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)

Books	4
Journal publications	35
Refereed Conf. proceedings + Book chapters	61
Published abstracts of conference presentations	57
Submitted papers + Technical reports	6

5a. RESEARCH GRANTS AND AWARDS

- 2009-13 *EU FP7 Marie Curie Initial Training Network, €3,492,830 (€832,473 at Plymouth)* "RobotDoc: Robotics for Development of Cognition). A. Cangelosi PI-Coordinator, R. Pfeifer (Zurich), C. von Hofsten (Uppsala), G. Sagerer, (Bielefeld), T. Ziemke (Skovde), G. Metta (IIT Genoa), S. Wermter (Sunderland), F. Becchi (Telerobot). Associate Partners: B. Scassellati (Yale USA), J. Tani (RIKEN), J. Lee (NTUST Taiwan), C. Goerick (HONDA), P. Robinson (BARA British Robot and Automation Association)
- 2008-12 *EU FP7 – ICT Cognitive Systems Interaction Robotics, €6,250,000 (€1,626,250 at Plymouth)* Integrating Project "ITALK: Integration and Transfer of Action and Language Knowledge in Robots". A. Cangelosi PI-Coordinator coordinator, T. Belpaeme (Plymouth), C. Nehaniv & K. Dautenhahn

¹ RAE2008 Computer Science results in Plymouth: 4* 25% (world-leading), 3* 50% (international excellence), 2* 25%

- (Hertfordshire), S. Nolfi (CNR Rome), G. Metta & G. Sandini (IIT Genoa), G. Sagerer, B. Wrede & K. Rohlfing (Bielefeld), K. Fischer (Univ. Southern Denmark), J. Tani (RIKEN) and D. Roy (MIT).
- 2010-14 *EU FP7 – ICT Cognitive Systems Interaction Robotics*, **€8,400,000 (€1,400,000 at Plymouth)** Integrating Project “ALIZ-E: Adaptive Strategies for Sustainable Long-Term Social Interaction”. Co-investigator (T. Belpame PI). With DFKI Germany, Vrije Universiteit Brussel, Netherlands Organization for Applied Scientific Research, Imperial College, University of Hertfordshire, San Raffaele Hospital Milan, CNR Padoa, Gostai, France.
- 2009 *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.
- 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, Psychology Plymouth, and M. Fisher, 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) for project: “P-ARTS: Plymouth Advanced Robot Training Suite”
- 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” (with K. Coventry), Evaluated “Tending to Outstanding” (4 out of 5)
- 2000-03 *EPSRC*, **£47,417** “Multi-agent systems for modelling language evolution” (PI), Evaluated “Tending to Outstanding” (4 out of 5)
- 2000-01 *Wellcome Trust SciArt Grant*, **£10,000** “STI: Search for Terrestrial Intelligence” (with M. Phillips)
- 1998-01 *Nuffield Foundation Award for New Lecturers*, **£3,000** “Language evolution in neural networks” (PI)

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

- 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, European Office of Aerospace Research and Development (EOARD)*, **\$2643**, Travel grant for Keynote Speaker participation to 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).

5c. ONGOING GRANT APPLICATIONS

- 2009 *EPSRC*, **£1,000,000**, Platform grant pre-proposal for Neuro-Inspired Robotics Group. With R. Borisuk as PI. (submitted November 2009)
- 2009 *EU FP7*, **€450,000**, Applied Research project led by DailySoft Denmark for an augmented reality application for retailing sector. With G. Corino and M. Phillips (Faculty Arts). (to be submitted December 3, 2009)

- 2009 US Air Force / EOARD, \$50,000, Organisation of Roadmap Workshop on Computational Modelling of Social Phenomena (submitted)
- 2010 UK Ministry of Defence, Ongoing planning of follow-up of my consultancy with SciSys Ltd UK. (to be submitted late Winter 2010)

6. PEER ESTEEM INDICATORS

Management of Scientific Journals:

- 2008- Co-Editor-in-Chief, "Interaction Studies" (John Benjamin Publishing)
- 2007- Associate Editor, "Connection Science" (Taylor & Francis)
- 2007- Associate Editor, "Frontiers in Neurobotics" (Frontiers in Neuroscience Foundation)
- 2006- Editorial Board Member, "Journal of Neurolinguistics" (Elsevier)
- 2009- Editorial Board Member, "Paladyn. Journal of Behavioral Robotics" (Versita-Spinger)
- 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)
- 2006 Guest Editor, "Mind and Society" (Springer) – special issue
- 2005 Guest Editor, "Connection Science" (Taylor & Francis) – special issue

Management for Scientific Publishers:

- 2006- Scientific Advisory Board Member, Polimetrica Scientific Publishing

International Conference Organisation:

- 2010 Conference Co-organiser, EVOLANG-2010, 8th International Conference on the Evolution of Language (Netherlands, 2010)
- 2009 Workshop Chair, Special Workshop on Cognitive Modelling with Neural Network and Dynamic Logic, KIMAS-2009, St. Louis MA, October 11 2009)
- 2008 Workshop Chair, International Workshop on Integration of Action and Language Knowledge in Robots (Rome, September 22-24 2008)
- 2008 Conference Co-organiser, EVOLANG-2008, 7th International Conference on the Evolution of Language (Barcelona, March 11-15 2008)
- 2007 Special Session Organiser, KIMAS2007, Special Session on "Modeling Language" (Boston, May 3)
- 2006 Conference Chair, EVOLANG6, 6th International Conference on the Evolution of Language (Rome, 12-15 April 2008)
- 2006 Special Session Chair, IJCNN2006 – Special Session on "Modeling the Evolution and Acquisition of Language" (Vancouver, 21 July 2006)
- 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)

Programme/Scientific Committees in International Conferences:

- 2010 IEEE CEC 2010: IEEE Congress on Evolutionary Computation (Barcelona, July 2010)
- 2010 SAB2010: The 11th Intl. Conference on the Simulation of Adaptive Behavior (Paris, August 2010)
- 2010 GECCO'10, Genetic and Evolutionary Computation Conference, Generative and Developmental Systems Track (Oregon, July 2010)
- 2010 EvoIntelligence and EvoStar 2010 Conference (Istanbul, April 2010)
- 2009 EpiRob 2009: Ninth International Conference on Epigenetic Robotics (Venice, November 2009)
- 2009 CEC-09 Conference on Evolutionary Computation, Evolutionary Robotics Session (Norway, May 2009)
- 2009 ECAL'09, Workshop on Organisation, Cooperation and Emergence in Social Learning Agents, 10th European Conference on Artificial Life (Budapest, September 2009)
- 2009 IEEE-ALife'09, IEEE Symposium on Artificial Life (Nashville, March 2009)
- 2009 ICEC 2009 – International Conference on Evolutionary Computation (Madeira, October 2009)
- 2008 GECCO'08, Genetic and Evolutionary Computation Conference, Artificial Life, Evolutionary Robotics, Adaptive Behavior and Evolvable Hardware Track (Atlanta, July 2008)
- 2008 WCCI08, IEEE World Congress on Computational Intelligence, (Honk Kong, June 2008)
- 2008 SBIA2008 - ADAPCOG2008: Workshop on Modelling Adaptive and Cognitive Systems, Brazilian Artificial Intelligence Conference (Bahia Brazil, October 2008)

- 2008 AKRR'08 International Conference on Adaptive Knowledge Representation and Reasoning - Symposium on Adaptive Models of Knowledge, Language and Cognition (Finland, September 2008)
- 2008 SAB2008, 10th International Conference on the Simulation of Adaptive Behavior (Osaka, July 2008)
- 2008 European Graduate Student Workshop on Evolutionary Computation (Naples, March 2008)
- 2008 WIVACE 2008, Italian Workshop on Artificial Life and Evolutionary Computation (Venice, Sept. 2008)
- 2007 International Workshop on "What it means to communicate" (Portugal, September 2007)
- 2007 IEEE-ALife'07, IEEE Symposium on Artificial Life (Hawaii, April 2007)
- 2007 ICDL'07, 6th International Conference on Development and Learning (London, July 2007)
- 2007 ECM_MAI 2007: Extending Computational Cognitive Modelling to Issue of Multi-Agent Interaction, ICAI'07 special session (Las Vegas, June 2007)
- 2007 ECAL 2007, European Conference on Artificial Life 2007, Workshop: "Social Learning in Embodied Agents" (Portugal, September 2007)
- 2007 ACAL 2007, 3rd Australian Conference on Artificial Life (Gold Cost Australia, December 2007)
- 2007 WIVACE 2007, Italian Workshop on Artificial Life and Evolutionary Computation (Sicily, Sept. 2007)
- 2007 GECCO'07, Genetic and Evolutionary Computation Conference, Generative and Developmental Systems track (London, July 2007)
- 2007 CIDM 2007: IEEE Symposium on Computational Intelligence and Data Mining (Hawaii, April 2007)
- 2006 ICDL'06, 5th International Conference on Development and Learning (Indiana, May 2006)
- 2006 1st International Workshop on Multi-objective Cybernetics, IEEE-ICCC Conference (Helsinki, Aug. '06)
- 2006 SAB'06, 9th International Conference on the Simulation of Adaptive Behavior (Rome, Sept. 2006)
- 2006 EELC3, 3rd International Workshop on the Emergence and Evolution of Linguistic Communication (Rome, October 2006)
- 2006 KES2006, 10th International Conference on Knowledge Based & Intelligent Information & Engineering Systems (Bournemouth, October 2006)
- 2006 AISC-06, Annual Meeting of the Italian Cognitive Science Association
- 2005 COGSCI'05, 27th Annual Meeting of the Cognitive Science Society (Stresa, July 2005)
- 2005 IJCAI 2005, 19th International Joint Conference on Artificial Intelligence - International and Interdisciplinary Workshop on "Modeling natural action selection" (Edinburgh, July 2005)
- 2005 AKRR'05 International Conference on Adaptive Knowledge Representation and Reasoning - Symposium on Adaptive Models of Knowledge, Language and Cognition (Finland, June 2005)
- 2005 GECCO-05 Genetic and Evolutionary Computation Conference, SEEDS Workshop (Washington, June04)
- 2005 International Workshop "Toward Social Mechanisms of an Android Science (SMAS)" - (Stresa, July '05)
- 2005 2nd Italian Workshop on Artificial Life (Rome 2005)
- 2004 ALIFE IX International Conference on Artificial Life (Boston, September 2004)
- 2004 EVOLANG5, 5th International Conference on the Evolution of Language (Leipzig, March 2004)
- 2004 GECCO-04 Genetic and Evolutionary Computation Conference, WORLD Workshop (Seattle, June 2004)
- 2003 1st Italian Workshop on Artificial Life (Cosenza 2003)
- 2003 ECAL03 European Conference on Artificial Life (Dortmund, September 2003)
- 2002 EVOLANG4, 4th International Conference on the Evolution of Language (Boston, March 2002)
- 2002 ALIFE VIII International Conference on Artificial Life (Sydney, December 2002)
- 2000 GECCO-2000 Genetic and Evolutionary Computation Conference (Las Vegas, July 2000)
- 2000 ALIFE VII International Conference on Artificial Life (Portland 2000)
- 1999 ECAL99 European Conference on Artificial Life (Losanne, September 1999)
- 1999 GECCO-99 Genetic and Evolutionary Computation Conference (Orlando, July 1999)

Conference Session Chairman:

- 2006 IJCNN2006 (Vancouver, July 2006)
- 2005 Conference on Cognitive Dynamics and the Language Sciences (Cambridge)
- 2004 9th Neural Computation and Psychology Workshop (Plymouth, Sept. 2004)
- 2003 1st Italian Workshop on Artificial Life (Cosenza 2003)
- 2002 EPSRC/BBSRC International Workshop on Biologically-Inspired Robotics (Bristol 2002)

Referee for international journals

- 1997- *Behavioral and Brain Sciences, Cognitive Science, Artificial Intelligence, 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, 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, ACM Crossroad, Giornale Italiano di Psicologia, Rivista di Psicologia

Referee for international conferences

- 2007 IWANN'2007: 9th International Work-Conference on Artificial Neural Networks (San Sebastian)
- 2006 COGSCI06 - 28th Annual Meeting of the Cognitive Science Society (Vancouver)
- 2005 IJCAI05 - International Joint Conf. on Artificial Intelligence (Edinburgh)
- 2004 ICCM04 International Conference on Cognitive Modelling (Pittsburgh)
- 1998-02 ICANN International Conf. on Artificial Neural Networks (1998, 2000, 2002)
- 2000-02 IJCNN International Joint Conference on Neural Networks (2000, 2002)

Referee for research grants

- 2009- NERC Natural Environment Research Council (Technology Review Pool)
- 2008 United Arab Emirates Research Grants
- 2008 Croatian Ministry of Education (Unity through knowledge Fund)
- 2006 Dutch Research Council (Technology Foundation STW)
- 2007- ESF European Science Foundation
- 2005- NSF-USA National Science Foundation
- 2005- Project evaluator for European Commission ICT Projects
- 2003- The Nuffield Foundation
- 2002- EPSRC Engineering and Physical Sciences Research Council (also Large Grant Panel, 2008)
- 2002- ESRC Economic and Social Research Council (also Large Grant Panel member in 2007-08)

Keynote/Invited Speaker to International conferences/workshops:

- 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, Annual Meeting of the Brazilian Cognitive Society, Campinas Brazil, 2-4 September 2009
- 2009 Keynote, VC Research and Enterprise Conference, University of Plymouth, 29 April 2009
- 2008 CITEC Anniversary Workshop, University of Bielefeld, November 19 2008
- 2008 UK NanoForum2008, University of Bristol, October 29-30 2008
- 2008 Doctoral Programme, Lecture Series on AI and Robotics, Hanse-WissenschaftsKolleg, Delmenhorst Germany, October 6-7 2008
- 2008 Summer Institute of "Mind & Society", Montreal June 27-July 6 2008
- 2007 ICCS07 7th International Conf. on Complex Systems, Special Session on "Language and Complexity", Boston
- 2006 Science Festival, Workshop on "Language Acquisition in Robots and Children", Genoa
- 2006 Workshop on Language and Cognition, planning meeting for research priorities in the EU Framework VII (IST-Cognitive Systems) (Luxemburg)
- 2005 Keynote Speaker, IEEE International Conference on Integration of Knowledge Intensive Multi-Agent Systems: KIMAS'05 (Boston)
- 2005 Summer School on Neural Network Models of Perception, Action and Embodied Knowledge, University of Bologna
- 2005 Conference on Cognitive Dynamics and the Language Sciences (Cambridge)
- 2005 CiE2005 Conference on Computability in Europe, Special Session on "Epistemology and Methodology of Computing" (Amsterdam)
- 2003 Symposium on Evolvability, Genetics & Development in Natural and Constructed Systems (Hertfordshire, UK)
- 2003 International Workshop on Learning and Concept Formation (Lund, Sweden)
- 2002 TENNET XIII: Annual Meeting of Theoretical and Experimental Neuropsychology (Montreal)
- 2002 International Workshop on Language and Motor Integration (Edinburgh)
- 2002 ESF Workshop on the Neurobiology of Communication (Cambridge)
- 2000 International Workshop on Evolutionary Computation and Cognitive Science (Melbourne)
- 1997 International Workshop on the Evolution of Syntax (Budapest)
- 1997 Workshop on Models of Learning (Pavia)

Invited Speaker for seminars:

- UK: Bath University, Birmingham University, De Montfort University, Edinburgh University, Middlesex University London, Southampton University, Sussex University, Surrey University, Sunderland University

Overseas: Harvard University, MIT Massachusetts Institute of Technology, Rutgers University, University of California at San Diego, The Norwegian University of Science and Technology (NTNU Trondheim), RUG University of Groningen, Taiwan National University of Science and Technology (TNUST Taipei), Università di Genova, Università di Pavia, Università di Modena e Reggio Emilia, Università della Calabria, Università di Palermo, Istituto Psicologia CNR Rome

Research collaborations:, Prof. D. Parisi and S. Nolfi (CNR), Prof. S. Harnad (Southampton and UQAM Canada), Prof. Kenny Coventry (Northumberland University), Prof. S. Newstead and Dr. Rob Ellis (Psychology, Plymouth), Dr. Leonid Perlovsky (Harvard University and USAF Labs, Hanscom Massachusetts), Prof. G. Sandini and G. Metta (Italian Institute of Technology, Genoa), Prof. Fernando Fontanari (University of San Paolo, Brazil), Prof. A. Greco (Genoa). Past collaborations: Prof. J. Elman and Prof. W. Kristan (UCSD). See also ITALK and RobotDOc project partners.

Industrial collaborations: SciSys UK, Ordnance Survey UK (Research & Innovation Division, Southampton); Telerobot SpA Italy, Honda European Research Lab Germany, BARA British Automation & Robot Association.

PhD External Examinations:

2008 Queensland University, Australia
2008 University of York
2007 King's College London,
2007 University of Southampton
2006 University of York
2006 University of Hertfordshire
2006 University of Manchester
2006 University of Siena, Italy (5 PhD students)
2005 VUB Free University Brussels, Belgium
2005 Norwegian University of Science and Technology at Trondheim, Norway
2005 University of Eastern Piedmont at Vercelli, Italy (3 PhD students)
2003 University of Sussex
2003 University of Paisley
1999- University of Plymouth (Internal Examiner, 4 students)

Miscellaneous

2006- Member of *IEEE CIS Task Force on the Mind and Brain*, IEEE Computational Intelligence Society, Neural Network Technical Committee
2007- Management Committee Member, Autonomous Systems Network (SBAC Society of British Aerospace Companies)
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
2006-08 Member of euCognition (IST CogSys Coordinated Actions): <http://www.eucognition.org/>
2004-06 Member of Society for Artificial Intelligence and Simulation of Behaviour (AISB)

Media Coverage

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) and international media.
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* magazine on-line, "Virtual bots teach each other using wordplay", 2/8/2006, article 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.

7. RESEARCH SUPERVISION AND RESEARCH MANAGEMENT/LEADERSHIP

Research Administration/Management

- 2005- School Coordinator for RAE2008 submission (UOA23 Computer Science & Informatics)
- 2005- School Representative in Faculty Research Committee
- 2004- Member of School Research Committee

Line Manager of Research Fellows / Lecturers:

- 2008- Dr Tony Morse: ITALK project
- 2008- Dr Zoran Macura: VALUE project
- 2007- Dr Davide Marocco: ITALK project
- 2003-05 Dr. Rohana Rajapakse: EPSRC grant on connectionist modelling of quantifiers
- 2001-03 Dr Dan Joyce: EPSRC grant on connectionist modelling of spatial language

Current PhD Students (8+2):

- 2010- First supervisor: Francesca Stramandinoli (PhD on developmental robotics)
- 2010- First supervisor: Marek Rucinski (PhD on developmental robotics)
- 2009- First supervisor: Christopher Larcombe (PhD on humanoid robotics)
- 2008- First supervisor: Martin Peniak (PhD on cognitive robotics and language)
- 2007- First supervisor: Fabio Ruini (PhD on distributed control for UAV agent models)
- 2007- First supervisor: Martin Beck (PhD on morphology and neural network)
- 2005- First supervisor: Gianluca Massera (PhD on evolutionary robotics)
- 2005- First supervisor: Mariagiovanna Mazzapioda (PhD on morphology in ALife systems)
- 2005- Second supervisor: Jared Somerville (PhD on visualisation in complex systems)
- 2005- Second supervisor: Qijun Zhang (PhD on computer music and evolution)

PhD Completions (9):

- 2009 First supervisor Dr Vadim Tikhanoff (now at Italian Institute of Technology, Genoa)
- 2009 First supervisor: Dr Eduardo Coutinho (now at University of Sheffield)
- 2009 Second supervisor Dr Dan Livingstone (now at University of Plymouth)
- 2009 Second supervisor: Dr Michele Burigo (now at Bielefeld University)
- 2006 First co-supervisor: Dr Isabella La Rovere
- 2004 First supervisor: Dr Richard Holden
- 2004 First supervisor: Dr Davide Marocco (now at University of Plymouth)
- 2004 Second supervisor: Rohanna Rajapakse (now at Goss Interactive Ltd)
- 2000 Second supervisor: Georgios Banavas (not at Greece Finance Ministry)

Affiliations to other Institutions:

- 2009- Faculty member, CITEC Centre for Excellence Cognitive Technologies, University of Bielefeld
- 2009- 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

8. TEACHING AND ACADEMIC MANAGEMENT/LEADERSHIP

Teaching Administration/Management

- 2008- Subject Group co-Chair for Artificial Intelligence (AINT) teaching in the School of Computing and Mathematics (Leader of AINT group, 2003-2008)
- 2006- Member of School Executive
- 2003-06 Member of School Teaching Management Group
- 1998- Member of various BSc/MSc Programme Committees (BSc Hons Computer Science, Computing Informatics, Computing, MediaLab Arts, Digital Arts & technology, Multimedia Computing, MSc Interactive Intelligent Systems)
- 2000-03 Admission Tutor for the BSc (Hons) Computing and Informatics, BSc (Hons) Computing and Neuroscience, BSc Computing

External Examiner (Programmes)

- 2007-08 MSc Intelligent Systems, University of Sunderland

Course Development and Validation

- 2002- Member of the Faculty Scrutiny Panel for approval/review of undergraduate and postgraduate 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

Other University services

- 2005 *Member of University Review Panel* for Athena-SWARM Charter Status (Silver) Application to support women's career in science, engineering and technology

University Teaching: Module Leader

- 2005- Evolutionary Computation and Artificial Life (year 3)
1999- Introduction to Artificial Intelligence (year 2)
1998-09 Artificial Intelligence for Interactive Media (year 2)
1998-04 Cognition and Interaction (year 3)
1999-02 Advanced Evolutionary and Adaptive Computation (MSc)

University Teaching: Modules shared with colleagues

- 2007- Computer Science Workshop (year 1)
2005- Interactive Intelligent Systems Workshop (MSc)
2005- Alternative Computing Paradigms (year 2)
1997- Multimedia Entertainment Systems (year 3)
1997-99 Multimedia Workshop II (year 1)
1997-98 Design for Virtual Reality (year 3)
1993-97 General Psychology (University of Genoa)
1993-97 Developmental Psychology (University of Genoa)
1993-97 Cognitive Science (University of Siena)

Project/Thesis Supervisions

- 1997- MSc projects for: MSc Computational Intelligence, MSc Interactive Intelligent Systems, MSc Robotics, MSc Computer Applications
1997- Final year projects for: BSc (Hons) MediaLab Arts, BSc (Hons) Digital Arts & Technology, BSc (Hons) Computing Informatics, BSc (Hons) Multimedia Computing

Teaching in other Academic Institutions

- 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

REFEREES

Prof. Steve Furnell (HoS and line manager)
University of Plymouth (UK)
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Prof. Steve Newstead
Deputy Vice Chancellor
University of Plymouth (UK)
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Prof. Jim Hurford
School of Philosophy, Psychology & Language
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Prof. Stevan Harnad
University of Southampton (UK)
and University of Quebec at Montreal (CA)
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Prof. Luc Steels
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Prof. Domenico Parisi
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PUBLICATIONS OF ANGELO CANGELOSI

BOOKS

1. Lyon C., Nehaniv C.L., Cangelosi A. (Eds.) (2007). *Emergence of Communication and Language*. London: Springer.
2. Cangelosi A., Smith A, Smith K. (Eds.) (2006). *Evolution of Language: Proceedings of the 6th International Conference on the Evolution of Language*. Singapore: World Scientific.
3. Cangelosi A., Bugmann G. & Borisyuk R. (Eds.) (2005). *Modelling Language, Cognition and Action: Proceedings of the 9th Neural Computation and Psychology Workshop*. (Neural Processing Series, vol. 16). Singapore: World Scientific.
4. Cangelosi A. & Parisi D. (Eds.) (2002). *Simulating the Evolution of Language*. London: Springer².

REFEREED JOURNALS

5. Coventry K.R, Lynott L., Cangelosi A., Knight L., Joyce D., Richardson D.C. (in press). Spatial language, visual attention, and perceptual simulation. *Brain and Language*
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