

Date	2/2023
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INDIVIDUAL DATA

Name and Surname	Vicente Botti Navarro		
DNI/NIE/passaport	XXXXXX	Age	XX
Researcher identification ID	Researcher ID	K-4647-2013	
	Código Orcid	0000-0002-6507-2756	

Situación profesional actual

Organization	Universitat Politècnica de València		
Dpto./School	Sistemas Informáticos y Computación/Escuela Técnica Superior de Ingeniería Informática		
Address	Camino de Vera s/n		
Phone	XXXXXX	correo electrónico	XXXXXX
Professional category	Full Professor	From	2/6/2000
UNESCO Cod.	120304		
Key Words	Artificial Intelligence, Multi-Agent Systems, Agreement Technologies		

Academic training

Bachelor's/Graduate/Doctorate	University	Year
Ph D in Computer Science	Universitat Politècnica de València	1990

CV FREE RESUME

València, 1957. PhD in Computer Science. Full Professor at the Universitat Politècnica de València (UPV). Founder and Head of 'Grupo de Investigación en Tecnología Informática e Inteligencia Artificial at UPV and of the Valencian Research Institute for Artificial Intelligence (VRAIN). Scientific Director of the Valencian Graduate School and Reserch Network of Artificial Intelligence

Professor Botti is one of the pioneers of Artificial Intelligence, Multi-Agent Systems and Agreement Technologies in Spain and Europe, being co-founder of the Agreement Technologies area. His activity in new technologies focused mainly in five areas: Manufacturing Intelligent Systems, Real Time Intelligent Agents, Agreement Technologies and Affective Computing. Among its main research results, it is worth mentioning: Multi-agent Methodology for Holonic Manufacturing Systems ANEMONA, Real Time Intelligent Agent Architecture ARTIS, Architecture for Virtual Organizations THOMAS, Normative Multi-agent Systems MaNEA, Organizational-oriented Methodologies for Open Multi-agent Systems GORMAS and ROMAS, Automated Argumentation Methods, Human-Centered Systems and Agent-based Simulation Models of Human Organizations Based on Realistic Agents REALISMO.

He was awarded with:

- 2019 Sapiens Award of the Association of Computer Science of the Valencian Community.
- 2018 Spanish National Prize for Informatics of the Spanish Scientific Computer Science Society.
- 2017 Fellow of the European Association for Artificial Intelligence.
- 2008 Award of the Social Council of the UPV to the best Researcher.
- 2005 Fellow of the Spanish Association on Artificial Intelligence.

He is/was: Emeritus member of the board of the European Association for Multi-Agent Systems (EURAMAS); EURAMAS Treasurer; EURAMAS Founding Partner; member of the management board of the Spanish Association on Artificial Intelligence, Vice-Rector for the

Development of ICT Technologies at the UPV; director of the Departament de Sistemes Informàtics i Computació at UPV, Deputy Director of the Facultat d'Informàtica at UPV, Deputy Director of the Escola Universitaria d'Enginyeria Informàtica at UPV; leader of UPV[X] project and UPValenciaX Project, the MOOC UPV Project in edX.

Professor Botti has been especially motivated by the application of new technologies in his academic activity, teaching and research. In this activity he has combined basic research with applied research and technology transfer. In 1990 he founded the GTI-IA which is ranked number one Research at UPV.

Some of Professor Botti's most impactful results in scientific terms are:

ANEMONA a multi-agent system (MAS) methodology for holonic manufacturing system (HMS) analysis and design, based on HMS requirements. ANEMONA defines a mixed top-down and bottom-up development process, and provides HMS-specific guidelines to help the designer in identifying and implementing holons. ANEMONA is the most cited in the literature on the area.

ARTIS a Hard Real-Time Intelligent Agent Architecture. ARTIS is formal architecture to model hard-real time systems that allows to use unpredictable AI techniques. ARTIS guarantees the execution of the entire systems's specification by means of an off-line analysis of the specification that is based on well-known predictability analysis in the Real Time System community. ARTIS is the first in the literature of strict real time agent.

Agreement Technologies (AT) refer to large-scale open distributed computer systems in which autonomous software agents negotiate with one another, typically on behalf of humans, in order to come to mutually acceptable agreements that must be consistent with the normative context where they are established and will permit, once accepted, that the agents call for mutual services and honour them. Professor Botti is, together with professors Carles Sierra and Sascha Ossowski, one of the initiators of this area.

In the AT area highlights its results in: Virtual Organizations THOMAS (a frame-work for the development of virtual organizations, on the basis of a service-based approach); normative multiagent Systems MaNEA (a Norm-Enforcing Architecture aimed at controlling norms in open MAS, specifically, this architecture supports the creation and deletion of norms on-line as well as the dynamic activation and expiration of instances); organizational-oriented methodology for open multiagent systems GORMAS (specific method for designing human organizations, which consists of diverse phases for analysis and design) and ROMAS (address the open problem of engineering normative open systems using the multi-agent paradigm); Agreement Computing and Automated Argumentation.

In the area of emotional agents/affective computing, it has obtained important results, such as the architecture of the affective agent BDI GenIA3 (which allows modeling affective intelligent agents and supports several psychological theories); the proposal of a fuzzy model of affect for multi-agent systems based on the dimensions of pleasure and arousal, which adapts emotions to the personality and mood of the agents; a computational model of multicultural emotion representation, or realistic agent-based simulation models of human organizations (REALISM) that provide a novel integrative vision to address the challenges that remain, in the modeling of human and social behavior in organizations (modeling of human affective characteristics, modeling of social cognition, modeling of the normative components of cognition and emotion and the way of reasoning about them) especially in hybrid social networks (METAVERSO), where software agents coexist with human agents.

Prof. Botti has participated in 80 research projects, including 9 EU projects, and in more than 50 national projects, he has been principal investigator in 50 of them. In the context of these projects he has been responsible for the development of seven applications that have produced technologies transferred to industrial and technology-based companies (Logifruit, Boing Europe, Tissat, Marvalsa...).

Professor Botti has supervised 24 PhDs on different Artificial Intelligence topics. Information on the careers of some of my former PhD Students: Dr. Vicente Julián (47), Full Professor at UPV. Dr. Eva Onaindía de la Rivaherrera (54), Full Professor at UPV. Dr. Ana García-Fornes (55), Full Professor at UPV. Dr. Adriana Giret Boggino (44), Full Professor at UPV. Dr. José Such (38) and Dr. Natalia Criado (36) Senior Lecturers at King's College London, Graduate Student award and Extraordinary Doctorate Prize from UPV. Dr. Martín Navarro (40), Project Manager and A.I. Researcher at Santa Barbara Smart Health and Extraordinary Doctorate Prize from UPV.

Publications (selection from last years)

1. J.Taverner, E.Vivancos, V.Botti. A multidimensional culturally adapted representation of emotions for affective computational simulation and recognition. *IEEE Transactions on Affective Computing* Vol. 14, No.1, January-March (2023). Pp. 761-772. doi: 0.1109/TAFFC.2020.3030586
2. Jaume Magi Jordan Prunera; Pasqual Martí Gimeno; Javier Palanca Còmar; Vicente Javier Julian Inglada; Vicente Juan Botti Navarro. Interurban charging station network: An evolutionary approach. *Neurocomputing*. 529, pp. 214 - 221. 2023. ISSN 0925-2312. DOI: 10.1016/j.neucom.2023.01.068
3. J.Taverner, E.Vivancos, V.Botti. A fuzzy appraisal model for affective agents adapted to cultural environments using the pleasure and arousal dimensions. *Information Sciences*. 546 (2021) 74–86. <https://doi.org/10.1016/j.ins.2020.08.006>. JCR Q1. D1.
4. María Gabriela Juárez-Juárez, V. Botti, A. Giret. Digital Twins: Review and Challenges. *Journal of Computing and Information Science in Engineering*. June 2022, vol. 21, 030802-1 /030802-23. <https://doi.org/10.1115/1.4050244>
5. B. Alfonso, J. Taverner-Aparicio, E. Vivancos, V.Botti. From Affect Theoretical Foundations to Computational Models of Intelligent Affective Agents. *Applied Sciences*. 2021, 11, 10874. <https://doi.org/10.3390/app112210874>. pp. 1-29
6. J. Jordan, J. Palanca, E. Del Val, V. Julián, V.Botti. Localization of charging stations for electric vehicles using genetic algorithms. *Neurocomputing*. 452 (2021) 416–423. <https://doi.org/10.1016/j.neucom.2019.11.122>.
7. D. Marchuet, J. Palanca, V.Botti. Wavelet Frequency Tensor applied to temporary environments in discrete spaces to obtain mobility patterns. Use case in the detection of routes in a territory. *Engineering Applications of Artificial Intelligence*. 106 (2021) 104507. <https://doi.org/10.1016/j.engappai.2021.104507>.
8. E.Argente, E. del Val, D. Pérez, V.Botti. Normative Emotional Agents: a viewpoint paper. *IEEE Transactions on Affective Computing*. 10.1109/TAFFC.2020.3028512 JCR Q1. D1
9. J.Palanca, J. Jordán, J.Bajo, V. Botti. An energy-aware algorithm for electric vehicle infrastructures in smart cities. *Future Generation Computer Systems*. 108(2020) pp.454-466. <https://doi.org/10.1016/j.future.2020.03.001>. JCR Q1.
10. M.Giménez, J. Palanca, V.Botti. Semantic-based adding in convolutional neural networks for improving the performance in natural language processing. A case of study in sentiment analysis. *Neurocomputing*. 378 (2020) pp. 315-323. <https://doi.org/10.1016/j.neucom.2019.08.096>
11. M. García-Valls, A. Dubey, V. Botti. Introducing the new paradigm of Social Dispersed Computing: Applications, Technologies and Challenges. *Journal of Systems Architectures* 91 (2018) pp. 83-102. <https://doi.org/10.1016/j.sysarc.2018.05.007>.
12. A. Giret, C. Carrascosa, V. Julián, M. Rebollo, V. Botti. A Crowdsourcing Approach for Sustainable Last Mile Delivery. *Sustainability* 2018, 10(12), 4563; <https://doi.org/10.3390/su10124563>
13. J. Jordan, J. Palanca, E. Del Val, V. Julián, V. Botti. A Multi-Agent System for the Dynamic Emplacement of Electric Vehicle Charging Stations. *Appl. Sci*. 2018, 8, 313; doi:10.3390/app8020313
14. B. Alfonso, E. Vivancos, V. Botti. Towards Formal Modelling of Affective Agents in BDI Architecture. *ACM Transactions on Internet Technology*. Vol. 17. No.1, Article 5. January 2017 pp. 5:1-5:23 DOI 10.1145/3001584

- 15.S. Valero, E. Del Val, J. Alemany, V. Botti. Enhancing Smart-Home Environments using Magentix2. Journal of Applied Logic. Vol.24, Part B, pp. 32-44. November 2017 <http://dx.doi.org/10.1016/j.jal.2016.11.022>
- 16.E. Del Val, C. Martinez-Poveda,V. Botti. Analyzing User's Activity in On-line Social Networks over Time through a Multi-Agent Framework. Soft Computing. Vol. 20. pp. 4331-4345. 2016.
- 17.A. Giret, Emilia García, V. Botti. An engineering framework for Service-Oriented Intelligent Manufacturing Systems. Computers in Industry. Vol. 81. pp. 116-127. 2016
- 18.E. Del Val, M. Rebollo and V. Botti. Self-Organization in Service Discovery in presence of Noncooperative Agents. Neurocomputing. doi:10.1016/j.neucom.2014.11.085. Vol. 172. pp. 81-90. 2016.
- 19.G. Martínez-Cánovas, E. Del Val, V. Botti, P. Hernández and M. Rebollo. A formal model based on Game Theory for the analysis of cooperation in distributed service Discovery. Information Sciences. Vol. 326. pp. 59-70. 2016.
- 20.Emilia García, A. Giret, V. Botti. Designing normative open virtual enterprises. Enterprise Information Systems. Doi: 10.1080/17517575.2015.1036927. pp. 303-324. 2016
- 21.E. Del Val, M. Rebollo and V. Botti. Does the type of event influence how user interactions evolve on Twitter? PLOS ONE. Volumen 10(5). pp. 1-32. 2015
- 22.Xuehua Liu, S. Valero, E. Argente, V. Botti and German Sastre. The importance of T-T-T angles in the feasibility of zeolites. Zeitschrift Für Kristallographie and Crystalline Materials. doi 10.1515/zkri-2014-1801.ipp. 291-299. 2015
- 23.S. Heras, V. Botti and V. Julian. . An Ontological-based Knowledge-Representation Formalism for Case-Based Argumentation. Information Systems Frontiers. pp. 1-20. 2014
- 24.N. Ruiz, A. Giret, V. Botti and V. Fera. An Intelligent Simulation Environment for Manufacturing Systems. Computers & Industrial Engineering (10.1016/j.cie.2014.06.013). Volumen In press. pp. 35-87. 2014
- 25.S. Heras, V. Botti and V. Julian. Modelling Dialogues in Agent Societies. Engineering Applications of Artificial Intelligence (10.1016/j.engappai.2014.06.003). Volume 34, September, Pages 208-226. 2014
- 26.E. Del Val, M. Rebollo and V. Botti. Combination of Self-Organization Mechanisms to Enhance Service Discovery in Open Systems. Information Sciences. Vol. 279, pp. 138-162. 2014
- 27.J. M. Alberola, V. Botti and J. M. Such. Advances in infrastructures and tools for multiagent systems. Information Systems Frontiers. DOI 10.1007/s10796-014-9493-6 . Vol. 16, pp. 163-167. 2014
- 28.N. Criado, E. Argente, P. Noriega, V.Botti. Reasoning about norms under uncertainty in dynamic environments. Int. J. Approximate Reasoning. Vol. 55, Issue 9, December 2014, pp- 2049-2070.
- 29.E. Del Val, M. Rebollo, V. Botti. Strategies for cooperation emergence in distributed service discovery. Cybernetics and Systems. Vol. 45, Issue 3, pp. 222-240. 2014
- 30.N. Criado, J.N. Such, V. Botti. Norm reasoning services. Information Systems Frontiers. DOI 10.1007/s10796-013-9444-7. Vol. 16, pp. 201-223. 2014
- 31.N. Criado, E. Argente, P. Noriega and V. Botti. Reasoning about constitutive norms in BDI agents. Logic Journal of IGPL. DOI 10.1093/jigpal/jzt035. Vol. 22 (1), pp. 66-93. 2014
- 32.B. Alfonso, V. Botti, A. Garrido and A. Giret. . A MAS-based Infrastructure for Negotiation and its Application to a Water-Right Market. Information System Frontiers. DOI 10.1007/s10796-013-9443-8 . Volumen 16. pp. 183-199. 2014

Projects (selection from last years)

1. **Título Del Proyecto:** European Artificial Intelligence and Robotics Testing and Experimentation Facility for Smart and Sustainable Cities and Communities). **Entidad Financiadora:** European Commission DIGITAL-2022 CLOUD-AI-02. **Duración Desde:** 1/2023. **Hasta:** 12/2027. **Investigador Principal:** Vicent Botti (UPV). **Importe De La Subvención** 705.080,8€. **Nº Total Investigadores Del Proyecto:** 20 (UPV)
2. **Nombre del proyecto:** INGENIERIA DE VALORES EN SISTEMAS DE IA: HERRAMIENTAS PARA LA TOMA DE DECISIONES BASADAS EN VALORES (TED2021-131295B-C32). **Entidad/es financiadora/s:** AGENCIA ESTATAL DE INVESTIGACION
3. **Nombres investigadores principales (IP, Co-IP,...):** Vicente Juan Botti Navarro; Natalia Criado Pacheco **Nº de investigadores/as:** 19 **Fecha de inicio:** 01/12/2022 **Duración:** 1 año - 11 meses - 29 días. **Importe de la Subvención:** 653,890.
4. TAILOR: FOUNDATIONS OF TRUSTWORTHY AI - INTEGRATING REASONING, LEARNING AND OPTIMIZATION. Entidad Financiadora: European Commission H2020-ICT-2018-20 ICT-48-2020 (Project ID 952215). Duración Desde: 9/2020. Hasta: 9/2023. Investigador Principal: Vicent Botti (UPV). Importe De La Subvención: 124.535€. Nº Total Investigadores Del Proyecto: 25 (UPV)

5. **Título Del Proyecto:** Technologies Per Organitzacions Humanes Emocionals (Prometeo/2018/002). **Entidad Financiadora:** Generalitat Valenciana. Conselleria D'Educació. Direcció General De Política Científica. Prometeo/2018/002. **Duración Desde:** 1/2018. **Hasta:** 12/2022. **Investigador Principal:** Vicent Botti. **Importe De La Subvención:** 274,457€. **Nº Total Investigadores Del Proyecto:** 6
 6. **Título Del Proyecto:** Agentes Inteligentes Para Asesorar En Privacidad En Redes Sociales. **Entidad Financiadora:** Ministerio De Economía Y Competitividad Tin2017-89156-R. **Duración Desde:** 1/2018 **Hasta:** 12/2021. **Investigador Principal:** E. Argente, A. García-Fornes. **Importe De La Subvención:** 274,457€ **Nº Total Investigadores Del Proyecto:** 12
 7. **Título Del Proyecto:** Plataforma Horizontal De Smart Data Y Deep Learning Para La Industria Y Aplicación Al Sector Manufacturero. **Entidad Financiadora:** Ministerio De Ciencia, Innovación Y Universidades. Rtc-2017-6401-7-Ar. **Duración Desde:** 1/2018 **Hasta:** 7/2020 **Investigador Principal:** Vicent Botti. **Importe De La Subvención:** 178.844€ **Nº Total. Investigadores Del Proyecto:** 6
 8. **Título Del Proyecto:** SlideWiki **Entidad Financiadora:** H2020 Gran Agreement N0.688095 **Duración Desde:** Enero 2016 **Hasta:** Diciembre 2018 **IP UPV:** Vicente Botti Navarro **Importe De La Subvención:** 6.879.040€ (358.694€ UPV)
 9. **Título Del Proyecto:** Sistema Inteligente para la gestión sostenible e integrada de flotas urbanas **Entidad Financiadora:** Ministerio de Economía y Competitividad (TIN2015-65515-C4-1-R) **Duración Desde:** 2016 **Hasta:** 2018 **IP:** Vicente Julián Inglada **Importe De La Subvención:** 106.590€
 10. **Título Del Proyecto:** Privacidad en Entornos Sociales Educativos Durante la Infancia y la Adolescencia (PESEDIA) **Entidad Financiadora:** Ministerio de Economía y Competitividad (TIN2014-36586-C03-01) **Duración Desde:** 2014 **Hasta:** 2016 **IP:** Ana García-Fornes **Importe De La Subvención:** 106.590€
 11. **Título Del Proyecto:** Humbace: Human-Like Computational Models For Agent-Based Computational Economics **Entidad Financiadora:** Generalitat Valenciana. Conselleria D'Educació. Direcció General De Política Científica. Prometeoii/2013/019 **Duración Desde:** 2013 **Hasta:** 2016 **IP:** Vicente Botti Navarro **Importe De La Subvención:** 400.000€
 12. **Título Del Proyecto:** Advances On Agreement Technologies For Computational Entities(Atforce) **Entidad Financiadora:** Generalitat Valenciana. Conselleria D'Educació. Direcció General De Política Científica. Prometeo 2008/051 **IP:** Vicente Botti Navarro **Duración:** 1/2009 **Hasta:** 31/2012€
 13. **Título Del Proyecto:** Agreement Technologies **Entidad Financiadora:** Cost - European Cooperation In The Field Of Scientific And Technical Research Ic0801 **IP:** Sascha Ossowski, Vicent Botti (co-chair) **Grant Holder** Vicent Botti **Duración:** 1/2008 **Hasta:** 31/2012
 14. **Título Del Proyecto:** Agreement Technologies **Entidad Financiadora:** Ministerio De Educación Y Ciencia. D.G. De Investigacion (Consolider Csd2007-0022, Ingenio 2010) **Duración Desde:** 2007 **Hasta:** 01/12/2012 **IP:** Sierra García, Carles (Coordinador); Botti Navarro, Vicente Juan; Ossowsky, Sascha. **Importe De La Subvención:** 4.385.000 **Nº Total Investigadores Del Proyecto:** 55
- C.3. Contratos**
15. **Título Del Contrato:** OPTIPOOL: Métodos de optimización de procesos de lavado y distribución en empresas pool. **Empresa/Administración Financiadora:** Logifruit S.L. **Duración Desde:** 01/04/2016 **Hasta:** 1/04/2022 **Investigador Responsable:** Botti Navarro, Vicente Juan **Importe Del Contrato:** 670.920€ **Nº Total De Participantes:** 5
 16. **Título Del Contrato:** Aplicacion Movil E-Mobil-Ity. **Empresa/Administración Financiadora:** Passgo Technology. **Duración Desde:** 23/11/2017 **Hasta:** 23/8/2019. **Investigador Responsable:** Botti Navarro, Vicente Juan. **Importe Del Contrato:** 136.801€ **Nº Total De Participantes:** 3
 17. **Título Del Contrato:** Sistema Inteligente De Gestión Logística De Distribución De Pedidos En Empresas Pool (Logistpool) **Empresa/Administración Financiadora:** Logifruit S.L. **Duración Desde:** 01/04/2013 **Hasta:** 31/03/2016 **Investigador Responsable:** Botti Navarro, Vicente Juan **Importe Del Contrato:** 175,916 **Nº Total De Participantes:** 5
 18. **Título Del Contrato:** Sistema Multiagente Abierto De Gestion De Empresas Pool (Open Pool) **Empresa/Administración Financiadora:** Logifruit S.L. **Duración Desde:** 20/06/2010 **Hasta:** 20/06/2013 **Investigador Responsable:** Botti Navarro, Vicente Juan **Importe Del Contrato:** 175,916 **Nº Total De Participantes:** 5
 19. **Título Del Contrato:** Integra **Empresa/Administración Financiadora:** Boeing Research And Technology Europe S.L. **Duración Desde:** 10/11/2008 **Hasta:** 10/11/2012 **Investigador Responsable:** Botti Navarro, Vicente Juan **Importe Del Contrato:** 418.272€ **Nº Total De Participantes:** 6

Chair of Scientific Program Committees:

General Chair of the Sixteenth International Conference of the Catalan Association of Artificial Intelligence (CCIA 2013).

Chair of the International Workshop on Infrastructures and Tools for Multiagent Systems 2010, 2011, 2012

Chair of the Scientific program committee of the 1st Workshop New Trends in Real-Time Artificial Intelligence (NTERTAIn 2006/ECAI 2006)

Chair of the Scientific program committee of the Seventh International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'06)

Chair of the Scientific program committee of the ECAI'06 Workshop New Trends in Real-Time Artificial Intelligence (NTERTAIn 2006).

Chair of the Scientific Program Committee of the IBERAMIA'06 1st Workshop on Industrial Applications of Distributed Intelligent Systems (INADIS'2006).

Chair of the Scientific program committee of the 3th International Workshop on Practical Applications of Agents and Multi-Agent Systems (IWPAAMS 2004)

Chair of the Scientific program committee of the 'VII Conferencia de la Asociación Española para la Inteligencia Artificial (CAEPIA'97)'

Member of Scientific Program Committees:

Member of the Scientific program committee of International Joint Conference on Artificial Intelligence (2018, 2019), International Workshop on AI for Privacy and Security (PrAISE 2016), of the ACM Symposium on Applied Computing (SAC 2008, 2009), of 20th European Conference on Artificial Intelligence (ECAI 2012, 2018), of the International Conference on Hybrid Artificial Intelligence Systems (HAIS 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), of the International Symposium on Distributed Computing and Artificial Intelligence (DCAI 2008, 2009, 2010, 2011, 2012), of the Mexican International Conference on Artificial Intelligence (MICA 2008), of the International Conference on Intelligent Data Engineering and Automated Learning (IDEAL 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), of the Workshop on Agreement Technologies (WAT 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), of the International Work-Conference on Artificial Networks (IWANN 2009), of the International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018), of the European Workshop on Multiagent Systems (EUMAS 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018), of the AAMAS'07 Workshop on Coordination, Organization, Institutions and Norms in agent systems (COIN 2007), of the International Conference on Industrial Applications of Holonic and Multi-Agent Systems (HoloMAS 2004, 2005, 2007, 2009, 2010, 2012, 2013), of the Conferencia de la Asociación Española para la Inteligencia Artificial 2005 (CAEPIA 1993, 1995, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019), of the Conferencia de la Asociación Catalana para la Inteligencia Artificial 2005 (CCIA 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), of the Jornadas de Transferencia y Tecnología en Inteligencia Artificial 2005 (TTIA2005), of the International Workshop on Practical Applications of Agents and Multi-Agent Systems (IWPAAMS/PAAMS 2002, 2003, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), of the Iberoamerican Workshop on Multi-Agent (IberAgents 2000, 2002, 2004, 2006, 2012), of the 11th Annual Workshop on Parallel and Distributed Real-Time Systems (2003), of the 4th Workshop on AGENTS IN TRAFFIC AND TRANSPORTATION (ATT 2006, 2007, 2009, 2010, 2011, 2012), of the Simposio en Informática y Telecomunicación (SIT 2002, of the Workshop Artificial Intelligence in Real-Time Control (2000, 2002), of the Simposio en Informática y Telecomunicación (SIT 2001, of the Simposio Español de Informática Distribuida (SEID'2000), of the Conferencia Iberoamericana de Inteligencia Artificial (IBERAMIA'1996, 1998, 2000, 2002, 2004, 2006), of the 4th Workshop on Intelligent Systems and Applications (WISA 2012). 7th Iberian Conference on Information Systems and Technologies (CISTI 2012), of the 7th International Conference on Knowledge Management in Organizations: Service and Cloud Computing (KMO 2012), of the Multiagent System Technologies German Conference. (MATES 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017)

Chair of Organizing Committees

Co-Chair of the Organising Committee of the 9th Workshop on Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future (SOHOMA 2019), Chair of the Organizing Committee of the 11th International Conference on Agents and Autonomous Agents (AAMAS 2012), of the 1st Workshop on Industrial Applications of Distributed Intelligent Systems (INADIS 2006), of the 1st Workshop New Trends in Real-Time Artificial Intelligence (NTERTAin 2006), of the 16th biennial European Conference on Artificial Intelligence (ECAI 2004), of the 9th European Workshop on Modelling Autonomous Agents in a Multi-Agent World, MAAMAW '99

Member of Organizing Committees

Member of the Organizing Committee of the AIRTC'94 Symposium on Artificial Intelligence in Real-Time Control, of the VI Conferencia de la Asociación Española para la Inteligencia , of the Workshop on Agreement Technologies (WAT 2008, 2009)

Scientific Activity Management

Vice Rector of Information and Communications Technologies (July 2007- May 2017). ANEP Deputy Coordinator of the Information and Communications Technologies Area (Software). 2000-2002-2003, Member of the Committee of Experts of the National Program of Information and Communication Technologies (Software), Member of the Research Council of the UPV, Member of the PhD Commission of the UPV, External Expert of the Council of Universities for the National Plan of Quality of Universities, Evaluator of the ANEP, Member of the Quality Evaluation Commission of the Polytechnic University of Valencia, Member of the Board of Directors of the Spanish Association for Artificial Intelligence (AEPIA, 1991-2001).