



**Comisión Interministerial de Ciencia y
Tecnología**

Curriculum vitae

Name: Félix Gómez Mármol

Date: April 2012

R&D National Plan

Previous scientific-professional activities

Position	Institution	Date
Student	DRACOTIC S.L.	July to September 2006
Developer	CYUM (Caja Murcia and University of Murcia)	September 2006 to October 2007

Languages (E = elementary, G = good, C = correctly)

Language	Speaking	Reading	Writing
English	C	C	C
German	E	E	E

Participation in R&D Projects Financed in Public Announcements

(national and/or international)

Project title: HBB-NEXT : Next-Generation Hybrid Broadcast Broadband

Funding entity: European Union, 7th Framework Programme

Participating entities: Technische Hochschule Mittelhessen, Slovenska Technicka Univerzita V Bratislave, Solvak Telekom AS, Tara Systems Gmbh, Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek - TNO, Katholieke Universiteit Leuven, NEC Europe Ltd. and Institut fuer Rundfunktechnik Gmbh

Duration, since: 01/10/2010 **until:** 30/04/2014

Main researcher:

Number of participating researchers:

Project title: IoT-A: Internet of Things Architecture

Funding entity: European Union, 7th Framework Programme

Participating entities: Alcatel-Lucent Bell NV, Hitachi Europe Ltd, Universitat St Gallen, IBM Research Gmbh, Universita degli studi di Roma La Sapienza, Creative Systems Engineering Monoproposi, Fraunhofer, NXP Semiconductors Germany Gmbh, Siemens AG, NXP Semiconductors Belgium NV, Julius-Maximilians Universitaet Wuerzburg, Commissariat a l'energie etomique et aux energies alternatives, Alcatel-Lucent Bell Labs France, Telefónica Investigación y Desarrollo SA, NEC Europe Ltd., Consorzio Ferrara Ricerche, University of Surrey and SAP AG

Duration, since: 01/09/2010 **until:** 31/08/2013

Main researcher:

Number of participating researchers:

Project title: Florence: Multi Purpose Mobile Robot for Ambient Assisted Living

Funding entity: European Union, 7th Framework Programme

Participating entities: Philips Electronics B.V., NEC Europe Ltd., OFFIS E.V., Stichting Novay, Telefónica Investigación y Desarrollo SA, Fundación Fatronik, Fundación Andaluza de Servicios Sociales and Wany SA

Duration, since: 01/02/2010 **until:** 31/01/2013

Main researcher:

Number of participating researchers:

Project title: SEMIRAMIS: Secure Management of Information across multiple Stakeholders

Funding entity: European Union, 7th Framework Programme

Participating entities: Atos Origin, Portugal Telecom, Universität Stuttgart, Engineering Ingegneria Informatica, European Organisation for Security, University of Murcia, Local City Hall of Ceutí, POSTECOM and Polska Telefonia Cyfrowa

Duration, since: 01/03/2010 **until:** 31/08/2012

Main researcher:

Number of participating researchers:

Project title: SENSEI: Integrating the Physical with the Digital World of the Network of the Future

Funding entity: European Union, 7th Framework Programme

Participating entities: Commissariat à l'énergie atomique - LETI, The University of Surrey, ALMA Consulting Group, Ove Arup and Partners International, Ericsson AB, NEC Europe Ltd., SAP AG, Telefónica Investigación y Desarrollo, Thales Research & Technology (UK) Limited, Ambient Systems B.V., Sensinode, Consorzio Ferrara Ricerche, Eidgenoessische Technische Hochschule Zuerich, University Politehnica of Bucharest, University of Oulu, Universit Pierre Mends France Grenoble II, University of Twente, Ericsson Belgrade and Telenor

Duration, since: 01/01/2008 **until:** 31/12/2010

Main researcher: Laurent Herault, Commissariat à l'énergie atomique - LETI; Alex Gluhak, University of Surrey; Francois Bourdel, ALMA Consulting Group

Number of participating researchers:

Project title: Seiscientos: Providing adaptive ubiquitous services in vehicular contexts

Funding entity: Science and Education Ministry

Participating entities: University of Murcia and Politechnic University of Valencia

Duration, since: 01/01/2009 **until:** 31/12/2011

Main researcher: Antonio F. Gómez Skarmeta and Pietro Manzoni

Number of participating researchers:

Project title: MISTRAL: Security identities management middleware in electronic transactions based on open source

Funding entity: Education, Science and Research Regional Ministry (Region of Murcia)

Participating entities: University of Murcia

Duration, since: 08/01/2008 **until:** 07/01/2010

Main researcher: Gregorio Martínez Pérez

Number of participating researchers:

Project title: SWIFT: Secure Widespread Identities for Federated Telecommunications

Funding entity: European Union, 7th Framework Programme

Participating entities: Alcatel-Lucent, Deutsche Telekom, Dracotic, ITAveiro, NEC (Technical Lead), Portugal Telecom, University of Murcia and University of Stuttgart

Duration, since: 01/01/2008 **until:** 30/06/2010

Main researcher: Amardeo Sarma, NEC Laboratories Europe

Number of participating researchers:

Project title: Analysis, study and development of intelligent systems and telematic services

Funding entity: Séneca Foundation (Region of Murcia)

Participating entities: University of Murcia

Duration, since: 01/01/2008 **until:** 31/12/2012

Main researcher: Antonio F. Gómez Skarmeta and José Manuel Cadenas Figueredo

Number of participating researchers:

Publications or Scientific-Technical Documents

KEY: B = book, BC = book chapter, A = article, R = "review", E = editor,
S = scientific-technical restricted document

Authors (b.o. of signature): Manuel Gil Pérez, Félix Gómez Mármol, Gregorio Martínez Pérez and Antonio F. Gómez Skarmeta

Title: RepCIDN: a Reputation-based Collaborative Intrusion Detection Network to Lessen the Impact of Malicious Alarms

Ref. journal book: Journal of Network and Systems Management

Key: A Volume: Pages, first: last: Date: 2012 (accepted)

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Christoph Sorge, Osman Ugus and Gregorio Martínez Pérez

Title: Do not Gossip my Habits. Preserving Privacy in the Smart Grid

Ref. journal book: IEEE Communications Magazine

Key: A Volume: Pages, first: last: Date: 2012 (accepted)

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Christoph Sorge, Osman Ugus and Gregorio Martínez Pérez

Title: WSANRep, WSAN Reputation-Based Selection in Open Environments

Ref. journal book: Wireless Personal Communications

Key: A Volume: Pages, first: last: Date: 2011 (accepted)

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Jose M. Alcaraz Calero, Laurence T. Yang, Félix Gómez Mármol, Luis Javier García Villalba, Andy Xiaolin Li and Yan Wang

Title: Proceedings of the 8th International Conference, ATC2011

Ref. journal book: Autonomic and Trusted Computing

Key: E Volume: Pages, first: 1 last: 259 Date: 2011

Editorial (if book): Springer

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Javier Gómez Marín-Blázquez and Gregorio Martínez Pérez

Title: LFTM, Linguistic Fuzzy Trust Mechanism for distributed networks

Ref. journal book: Concurrency and Computation: Practice & Experience

Key: A Volume: Pages, first: last: Date: 2011 (in press)

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Gregorio Martínez Pérez

Title: TRIP, a Trust and Reputation Infrastructure-based Proposal for Vehicular Ad-hoc Networks

Ref. journal book: Journal of Network and Computer Applications

Key: A Volume: 35 Pages, first: 934 last: 941 Date: 2012

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Gregorio Martínez Pérez

Title: Trust and Reputation Models Comparison

Ref. journal book: Emerald Internet Research

Key: A Volume: Pages, first: 138 last: 153 Date: 2011

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Gregorio Martínez Pérez and Javier Gómez Marín-Blázquez

Title: META-TACS: a Trust Model Demonstration of Robustness through a Genetic Algorithm

Ref. journal book: Intelligent Automation and Soft Computing (Autosoft)
Journal

Key: A Volume: 17 Pages, first: 41 last: 59 Date: 2011

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: Providing Trust in Wireless Sensor Networks using a Bio-Inspired Technique

Ref. journal book: Telecommunication Systems Journal

Key: A Volume: 46 Pages, first: 163 last: 180 Date: 2011

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Joao Girao and Gregorio Martínez Pérez

Title: TRIMS, a Privacy-aware Trust and Reputation Model for Identity Management Systems

Ref. journal book: Elsevier Computer Networks, Special Issue on Managing
Emerging Computing Environments

Key: A Volume: 54 Pages, first: 2899 last: 2912 Date: 2010

Editorial (if book):

Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: Towards Pre-Standardization of Trust and Reputation Models for Distributed and Heterogeneous Systems

Ref. journal book: Computer Standards & Interfaces
Key: A Volume: 32 Pages, first: 185 last: 196 Date: 2010
Editorial (if book):
Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: Security Threats Scenarios in Trust and Reputation Models for Distributed Systems

Ref. journal book: Elsevier Computers & Security
Key: A Volume: 28 Pages, first: 545 last: 556 Date: 2009
Editorial (if book):
Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: State of the art in trust and reputation models in P2P networks

Ref. journal book: Handbook of Peer-to-Peer Networking
Key: BC Volume: Pages, first: 761 last: 784 Date: 2010
Editorial (if book): Springer
Place of publication:

Authors (b.o. of signature): Félix Gómez Mármol, Gregorio Martínez Pérez and Antonio F. Gómez Skarmeta

Title: TACS, a Trust Model for P2P Networks

Ref. journal book: Wireless Personal Communications, Special Issue on
"Information Security and data protection in Future Generation Communication and Networking"
Key: A Volume: 51 Pages, first: 153 last: 164 Date: 2009
Editorial (if book):
Place of publication:

Collaboration in R&D Contracts of Special Relevance with Companies and/or Administrations (national and/or international)

Title of the contract/project: Electronic signature and certification services in mobile devices (FaCTo)

Type of contract: University of Murcia - Telefónica Móviles de España Agreement

Funding company/administration: Telefónica Móviles de España and University of Murcia

Participating entities: CYUM (Caja Murcia and University of Murcia)

Duration, since: June 2002 until: December 2007

Main researcher: Antonio F. Gómez Skarmeta

Number of participating researchers: 4

TOTAL COST OF THE PROJECT: 200.000 euros

Title of the contract/project: Cátedra SAES de Software Libre y de Aplicaciones Críticas y en Tiempo Real

Type of contract: University of Murcia - Sociedad Anónima de Electrónica Submarina

Funding company/administration: Sociedad Anónima de Electrónica Submarina

Participating entities: Sociedad Anónima de Electrónica Submarina and University of Murcia

Duration, since: 04/02/2009 until: 04/02/2011

Main researcher: Gregorio Martínez Pérez and Diego Sevilla Ruiz

Number of participating researchers: 10

TOTAL COST OF THE PROJECT:

Patents and Utility Models

Inventors (b.o. of signature): Félix Gómez Mármol, Osman Ugus, Christoph Sorge, Gregorio Martínez Pérez and Alban Hessler

Title: Method for using Bihomomorphic Encryption for Privacy-Aware Smart Metering

N. of request: 4623/P/1085-WO Priority country: PCT Priority date: 31/01/2011

Holder entity: NEC Europe Ltd

Countries where it has been extended:

Companies which are exploiting it:

Inventors (b.o. of signature): Félix Gómez Mármol and Joao Girao

Title: Method for using a Privacy Homomorphism for Privacy-Aware Reputation Gathering and Maintenance

N. of request: 2010/006612 Priority country: PCT Priority date: 29/10/2009

Holder entity: NEC Europe Ltd

Countries where it has been extended: (intended) Europe, United States, Japan and South Korea

Companies which are exploiting it: NEC

Inventors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: TACS, a Trust Model for P2P Networks

N. of request: 08/2010/505 Priority country: Spain Priority date: 21/06/2010

Holder entity: University of Murcia

Countries where it has been extended: Spain

Companies which are exploiting it:

Inventors (b.o. of signature): Félix Gómez Mármol and Gregorio Martínez Pérez

Title: TRMSim-WSN, Trust & Reputation Models Simulator for Wireless Sensor Networks

N. of request: 08/2010/507 Priority country: Spain Priority date: 21/06/2010

Holder entity: University of Murcia

Countries where it has been extended: Spain

Companies which are exploiting it:

Stays in Foreign Centres

(continued stays greater than one month)

KEY: D = doctorate, P = postdoctorate, I = invited, H = hired, O = others (specify)

Centre: NEC Laboratories Europe

Locality: Heidelberg

Country: Germany

Date: 01/09/08

Duration (weeks): 26

Topic: Trust and Reputation Management over Identity Management Systems

Key: H, D

Centre: NEC Laboratories Europe

Locality: Heidelberg

Country: Germany

Date: 14/09/09

Duration (weeks): 26

Topic: Privacy enhancement by applying identity management techniques to share properties of absolute and relative positioned users

Key: H, D

Stays in National Centres

(continued stays greater than one month)

KEY: D = doctorate, P = postdoctorate, I = invited, H = hired, O = others (specify)

Centre: Escuela Técnica Superior de Ingeniería Informática y Telemática

Locality: Granada Date: 2005-2006 Duration (months): 9

Topic: 5th year of Computer Engineering

Key: O (SICUE student with a SÉNECA grant)

Contributions to Conferences

Authors: Santiago Pina Ros, Mario Lischka and Félix Gómez Mármol

Title: Graph-Based XACML Evaluation

Type of participation: International conference

Congress: ACM Symposium on Access Control Models and Technologies (SACMAT 2012)

Publication:

Place of celebration: Newark (USA)

Date: 20-22 June, 2012

Authors: Marcus Q. Kuhnen, Mario Lischka and Félix Gómez Mármol

Title: Triggering IDM systems Authentication methods based on Device Capabilities Information

Type of participation: International conference

Congress: GI SICHERHEIT 2012 Sicherheit - Schutz und Zuverlässigkeit

Publication:

Place of celebration: Darmstadt (Germany)

Date: 7-9 March, 2012

Authors: Félix Gómez Mármol, Marcus Q. Kuhnen and Gregorio Martínez Pérez

Title: Enhancing OpenID through a Reputation Framework

Type of participation: International conference

Congress: 8th International Conference on Autonomic and Trusted Computing (ATC2011)

Publication:

Place of celebration: Banff (Canada)

Date: 2-4 September, 2011

Authors: Manuel Gil Pérez, Félix Gómez Mármol, Gregorio Martínez Pérez and Antonio F. Gómez Skarmeta

Title: Mobility in Collaborative Alert Systems: Building Trust through Reputation

Type of participation: International conference

Congress: Workshop on Wireless Cooperative Network Security (WCNS)

Publication:

Place of celebration: Valencia (Spain)

Date: 13 May, 2011

Authors: Félix Gómez Mármol, Javier Gómez Marín-Blázquez and Gregorio Martínez Pérez

Title: Linguistic Fuzzy Logic Enhancement of a Trust Mechanism for Distributed Networks

Type of participation: International conference

Congress: Third IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP-10)

Publication:

Place of celebration: Bradford (UK)

Date: 29 June - 1 July, 2010

Authors: Félix Gómez Mármol and Gregorio Martínez Pérez

Title: TRMSim-WSN, Trust and Reputation Models Simulator for Wireless Sensor Networks

Type of participation: International conference

Congress: IEEE International Conference on Communications (IEEE ICC 2009), Communication and Information Systems Security Symposium

Publication:

Place of celebration: Dresden (Germany)

Date: 14-18 June, 2009

Authors: Félix Gómez Mármol and Gregorio Martínez Pérez

Title: Providing Trust in Wireless Sensor Networks using a Bio-inspired Technic

Type of participation: International conference

Congress: Networking and Electronic Commerce Research Conference (NAEC 08)

Publication:

Place of celebration: Lake Garda (Italy)

Date: 25-28 September, 2008

Participation in Committees and International Representations

Editorial Board member in Journals and Magazines

- Elsevier Computer Standards & Interfaces (April 2011)
- Human and Sciences Publication, Advances in Network and Communications (December 2010)
- Inder Science Publishers, International Journal of Trust Management in Computing and Communications (IJTMCC) (October 2011)

Guest editor in Special Issues in Journals and Magazines

- Elsevier Computers & Electrical Engineering, *Special Issue on “Recent Advances in Security and Privacy in Distributed Communications”*
- Springer Electronic Commerce Research, *Special Issue on “Advances in Security and Privacy for Future Mobile Communications”*

Reviewer in Journals and Magazines

- MDPI Sensors
- IEEE Pervasive Computing
- Wiley International Journal of Communication Systems
- Elsevier Computers & Security
- IEEE Communications Magazine
- Elsevier Information Sciences
- Elsevier Journal of Parallel and Distributed Computing
- Springer Wireless Personal Communications
- Springer Journal of Network and Systems Management
- IEEE Transactions on Wireless Communications
- Elsevier Journal of Network and Computer Applications
- Elsevier Knowledge-Based Systems Journal
- IET Communications Journal

Technical Program Committee, Session Chair, Publicity Chair, etc.

2012

- IEEE Globecom 2012, Communication and Information System Security Symposium, IEEE Communications Society, Anaheim, California (USA), 03-07/12/2012
- 3rd IEEE International Workshop on Smart Communication Protocols and Algorithms - Winter, (SCPA 2012), to be held in conjunction with IEEE Globecom 2012, IEEE Communications Society, Anaheim California (USA), 03-07/12/2012 [**Industrial co-chair**]
- Second International Conference on Green Communications and Networking (GreenNets-12), European Alliance for Innovation, Gandía (Spain), 24-26/10/2012
- 9th IEEE International Conference on Autonomic and Trusted Computing (ATC 2012), IEEE Communications Society, Fukuoka (Japan), 04-07/09/2012
- 3rd International Conference on Ambient Systems, Networks and Technologies (ANT-2012), Niagara Falls, Ontario (Canada), 27-29/08/2012
- 6th International Symposium on Digital Forensics and Information Security (DFIS-12), Future Technology Research Association International, Vancouver (Canada), 26-28/06/2012
- 11th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-12), IEEE Communications Society, Liverpool (UK), 25-27/06/2012 [**General co-chair**]
- 1st IEEE International Workshop on Trust, Security and Privacy in e-Government, e-Systems & Social Networking (eGSSN-12), IEEE Communications Society, Liverpool (UK), 25-27/06/2012 [**General co-chair**]

- 2nd IEEE International Symposium on Security and Privacy in Internet of Things (IEEE SPIoT 2012), IEEE Communications Society, Liverpool (UK), 25-27/06/2012 [**General co-chair**]
- 14th IEEE International Conference on High Performance Computing and Communications (HPCC-2012), IEEE Communications Society, Liverpool (UK), 25-27/06/2012 [**Publicity co-chair**]

2011

- 10th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-11), IEEE Communications Society, Changsha (China), 16-18/11/2011 [**Publicity co-chair**]
- ICSNC11, 6th International Conference on Systems and Networks Communications, SESYS Track, International Academy, Research, and Industry Association (IARIA), Barcelona (Spain), 23-28/10/2011
- EIDWT 2011, The 2nd International Conference on Emerging Intelligent Data and Web Technologies, Tirana (Albania), 07-09/09/2011
- 13th IEEE International Conference on High Performance Computing and Communications (HPCC 2011), IEEE Communications Society, Banff (Canada), 02-04/09/2011
- 8th International Conference on Autonomic and Trusted Computing (ATC 2011), IEEE Communications Society, Banff (Canada), 02-04/09/2011 [**Program vice-chair**]
- Second International Workshop on Trust Management in P2P Systems, (IWTMP2PS 2011), to be held in conjunction with Fourth International Conference on Network Security & Applications (CNSA-2011), Academy & Industry Research Collaboration Center (AIRCC), Chennai (India), 23-25/07/2011
- IWCMC 2011, The 7th International Wireless Communications and Mobile Computing Conference, Istanbul, Turkey, 05-08/07/2011
- IEEE ICC 2011, IEEE International Conference on Communications, IEEE Communications Society, Kyoto (Japan), 05-09/06/2011
- NTMS 2011, 4th International Conference on New Technologies, Mobility and Security, International Federation for Information Processing, Paris (France), 07-10/02/2011

2010

- ICICS 2010, Twelfth International Conference on Information and Communications Security, IEEE Communications Society, Barcelona (Spain), 15-17/12/2010
- BioAdcom 2010, 1st International Workshop on Bio-inspired Approaches to Advanced Computing and Communications, ICST - Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, Boston (USA), 01-03/12/2010
- JITEL 2010, IX Jornadas de Ingeniera Telemtica, Universidad de Valladolid, Valladolid (Spain), 29/09/2010 - 01/10/2010
- ICSNC10, 5th International Conference on Systems and Networks Communications, SESYS Track, International Academy, Research, and Industry Association (IARIA), Nice (France), 22-27/08/2010
- International Conference Telecommunications, Networks and Systems 2010, IADIS - International Association for Development of the Information Society, Freiburg (Germany), 26-31/07/2010
- Third International Conference on Network Security & Applications (CNSA-2010), Academy & Industry Research Collaboration Center (AIRCC), Chennai (India), 23-25/07/2010
- First International Workshop on Trust Management in P2P Systems, (IWTMP2PS 2010), to be held in conjunction with Third International Conference on Network Security & Applications (CNSA-2010), Academy & Industry Research Collaboration Center (AIRCC), Chennai (India), 23-25/07/2010

2009

- NTMS 2009, 3rd International Conference on New Technologies, Mobility and Security, International Federation for Information Processing, Cairo (Egypt), 20-23/12/2009
- ICSNC09, 4th International Conference on Systems and Networks Communications, SESYS Track, International Academy, Research, and Industry Association (IARIA), Porto (Portugal), 20-25/09/2009
- International Conference on Mobile Technology, Applications and Systems 2009, Singapore Chapter of ACM, Nice (France) 02-04/09/2009

- International Conference Telecommunications, Networks and Systems 2009, IADIS - International Association for Development of the Information Society, Algarve (Portugal), 17-19/06/2009
- IEEE ICC 2009, IEEE International Conference on Communications, IEEE Communications Society, Dresden (Germany), 14-18/06/2009 [**Session chair**]

2008

- IEEE GLOBECOM 2008, Computer and Communications Network Security Symposium, IEEE Communications Society, New Orleans (USA), 30/11/2008 - 04/12/2008
- ICSNC08, 3rd International Conference on Systems and Networks Communications, SESYS Track, International Academy, Research, and Industry Association (IARIA), Sliema (Malta), 26-31/10/2008
- ESORICS 2008, 13th European Symposium on Research in Computer Security, European Symposium on Research in Computer Security, Mlaga (Spain), 06-08/10/2008

Teaching Experience

(subjects, courses, seminars, etc.)

Undergraduate teaching

Subject: Computer science applied to the translation
School year: 2010-2011
Qualification: Degree in Translation and Interpretation (English)
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Computer science applied to the translation
School year: 2010-2011
Qualification: Degree in Translation and Interpretation (French)
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Automaton and formal languages
School year: 2009-2010
Qualification: Computer Engineering
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Introduction to scientific software and programming
School year: 2009-2010
Qualification: BSc in Mathematics
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Object oriented programming
School year: 2009-2010
Qualification: BSc in Mathematics
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Computability
School year: 2008-2009
Qualification: Computer Engineering
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Computer Science
School year: 2007-2008, 2008-2009
Qualification: Mathematics Degree
Department: Department of Information and Communications Engineering
University: University of Murcia

Subject: Telematic services technologies
School year: 2007-2008, 2008-2009
Qualification: Technical Computer Engineering-Management
Department: Department of Information and Communications Engineering
University: University of Murcia

Postgraduate teaching

Subject: Security and Trust in Distributed Systems
Year: 2010-2011, 2011-2012
Master: Master on New Technologies in Computer Science
Faculty/School: Faculty of Computer Science
University: University of Murcia

Bachelor Theses Supervised

Title: Integration of new trust and reputation models in the simulator TRMSim-WSN

Student: Antonio Bernárdez Álvarez

Date: February 2009

Mark: 9.0 out of 10

Advisors: Félix Gómez Mármol and Gregorio Martínez Pérez

University: University of Murcia

Diploma Theses Supervised

Title: Trust and reputation management in multi-domain systems for false alarms detection in collaborative detection intrusion networks

Student: Pascual Ruiz Morales

Date: 15/09/2011

Mark: 9.3 out of 10

Advisors: Manuel Gil Pérez, Félix Gómez Mármol and Gregorio Martínez Pérez

University: University of Murcia

Master Theses Supervised

Title:

Student:

Date:

Mark:

Advisors:

Postgrade program:

University:

Invited talks

Title: Privacy Enhanced Architecture for Smart Metering
Place: University Carlos III, Madrid (Spain)
Date: 27/04/2011
Subject: Ubiquitous Computing, Interuniversities Master on Telematic Engineering
Host/s: Dr Andrés Marín López and Dra Florina Almenárez Mendoza

Given courses

Name: “Development of Java Applications for J2ME Mobile Devices”
School year: 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012
Number of hours: 60
Department/Section/Unit: ATICA - Applied Communications and Information Technologies Area
University: University of Murcia

Name: “Advanced Development of Java Applications for J2ME Mobile Devices”
School year: 2008-2009, 2009-2010, 2010-2011, 2011-2012
Number of hours: 60
Department/Section/Unit: ATICA - Applied Communications and Information Technologies Area
University: University of Murcia

Name: “Development of Applications for Android Mobile Devices”
School year: 2010-2011, 2011-2012
Number of hours: 60
Department/Section/Unit: ATICA - Applied Communications and Information Technologies Area
University: University of Murcia

Name: “Advanced Development of Applications for Android Mobile Devices”
School year: 2011-2012
Number of hours: 60
Department/Section/Unit: ATICA - Applied Communications and Information Technologies Area
University: University of Murcia

Academic Training Courses

Name: Taller sobre coordinación del profesorado y trabajo en equipo docente

Date: 10th of June 2010

Number of hours: 2

Teacher: Rosendo Andrés Pou Américo

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Name: La evaluación en el contexto del Espacio Europeo

Date: 16th of April 2010

Number of hours: 2

Teacher: Rosendo Andrés Pou Américo

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Name: Certificado de Aptitud Pedagógica

Date: 2009

Number of hours: 300

Teacher: Francisco José Laveda Molina, Francisco del Cerro Velázquez, Antonio Maestre de San Juan Sánchez, Manuel Fuentes Lorente, Valentín de la Iglesia Gaitán, Ana Denigra Conesa, Francisco Saavedra García

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: Estrategias de estudio para universitarios

Date: 11th June, 2009

Number of hours: 4

Teacher: María José Martínez Segura

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: Implantación de Grados en la Universidad de Murcia

Date: 2nd, 3rd and 4th June, 2009

Number of hours: 12

Teacher: Mari Paz García Sanz, Mari Paz Prendes Espinosa, Francisca Martínez Faura y Ana Sabina del Rey Carrión

Faculty/Centre: Vicerrectorado de Innovación y Convergencia Europea

University: University of Murcia

Name: Taller para la Adaptación de una Asignatura de Cálculo al Espacio Europeo de Enseñanza Superior

Date: 14th and 15th May, 2009

Number of hours: 8

Teacher: Alfonso García López y Francisco García Mazario

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Name: V Curso de Introducción a la Docencia Universitaria (CIDU-5)

Date: 16th to 30th March, 2009

Number of hours: 50

Teacher: Cecilia Ruiz Esteban, Agustín Romero Medina, Pilar Montaner Salas, Miguela Iniesta Moreno, Noemí Marín Atucha, Gloria Villora Cano, Paloma Sobrado Calvo, Nicolás Ubero Pascal, Juan Andreo García, Mercedes Farias Battle, Jesús Talavera López, José Manuel Palazón Espinosa

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: El estudio de casos como método de enseñanza en las titulaciones de ciencias

Date: 26th and 27th of June, 2008

Number of hours: 8

Teacher: Ernesto de los Reyes

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: Metodologías activas: estudio de casos, problemas y proyectos

Date: 10th and 11th of June, 2008

Number of hours: 8

Teacher: Amparo Fernández March

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: Convergencia con 350 alumnos: algunas dificultades y trucos, desde la perspectiva de la asignatura de Fisiología

Date: 6th of May, 2008

Number of hours: 2

Teacher: Noemí Marín Atucha

Faculty/Centre: Educational Sciences Institute

University: University of Murcia

Name: Formación básica para la adaptación al Espacio Europeo de Enseñanza Superior

Date: 15th of November, 2007

Number of hours: 8

Teacher: Miguel Valero García

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Teaching Innovation Projects

Name: Complete adaptation to the EHEA of the first year of Computer Engineering

School year: 2008-2009

Coordinator: Gregorio Martínez Pérez

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Name: Pilot experience of ECTS methodology implantation in BSc in Mathematics

School year: 2007-2008, 2008-2009

Coordinator: Claudio Busqué Roca

Faculty/Centre: Faculty of Mathematics

University: University of Murcia

Name: OCW project of the subject Programming methodology and technology

School year: 2007-2008

Coordinator: Gregorio Martínez Pérez

Faculty/Centre: Faculty of Computer Science

University: University of Murcia

Other Merits or Explanations that might desire to state

(use only the space equivalent to one page)

- Beneficiary of an economical help for abroad stays granted by the Séneca Foundation of the Region of Murcia, July 2009.
- Beneficiary of an economical help from the Séneca Foundation for the assistance to scientific conferences during 2009.
- Beneficiary of an economical help for abroad stays granted by the Séneca Foundation of the Region of Murcia, August 2008.
- Beneficiary of a pre-doctoral scholarship granted by the Séneca Foundation of the Region of Murcia, November 2007. Renewed in November 2008 and November 2009.
- Honourable Mention to the Academic Excellence, given by the Faculty of Computer Science of the University of Murcia, March 2007.
- Best PhD Thesis Award, given by the Faculty of Computer Science of the University of Murcia, January 2011.
- Boarder in the Department of Physics of the University of Murcia, school year 2002-2003.
- Boarder in the Department of Information and Communications Engineering of the University of Murcia, school year 2003-2004.
- Boarder in the Department of Information and Communications Engineering of the University of Murcia, school year 2005-2006.
- Beneficiary of a SÉNECA scholarship from the Education and Science Ministry within the SICUE program, school year 2005-2006.
- Article “Security Threats Scenarios in Trust and Reputation Models for Distributed Systems”, included in the TOP 25 of most downloaded articles in Elsevier Computers & Security in the last quarter of 2009 and first quarter of 2010.