

# Curriculum Vitae

October 5, 2021

## JANIRE TABOADA

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### Lecturer and Researcher:

University of the Basque Country (UPV/EHU)  
Engineering School of Bilbao  
Dept. of Graphic Design and Engineering Projects  
Rafael Moreno 'Pitxitxi', 2  
48013 Bilbao, Spain

ianire.taboada@ehu.eus

May 2017 Associate Professor (Profesora Agregada; Profesora Titular de Universidad, Sept. 2021)  
Apr. 2014 Assistant Professor (Profesora Adjunta)

## ACADEMIC FORMATION

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Nov. 2013 PhD, cumlaude, "QoE-aren optimizaziorako indize erregelen proposamenak sare baliabideen esleipenerako planifikazioan" ("Index rule proposals for QoE optimization in network resource allocation scheduling"), University of the Basque Country (UPV/EHU)

Jan. 2010 Master in "Information technologies and communications in mobile networks" (TICRM), PhD program (University of the Basque Country).

Apr. 2008 Degree in Telecommunication Engineering  
University of the Basque Country (UPV/EHU)  
Higher Technical Engineering School of Bilbao

## LANGUAGES

Spanish, Basque, English, French

### Certificates

- C1 in English. TOPTULTE.
- Advanced grade certificate in English of Bilbao Chamber of Commerce.
- First Certificate in English of Cambridge.
- EGA. Basque language certificate.
- C2 in Basque language.
- French: Intermediate level

## RESEARCH

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### WORK EXPERIENCE

- Jun. 2014-Oct. 2014 Researcher at University of the Basque Country (UPV/EHU), Networking Quality and Security (NQaS) research group, Project "Next Generation Communications "
- May. 2012-May. 2014 Researcher at University of the Basque Country (UPV/EHU), Networking Quality and Security (NQaS) research group, European project "GERYON: Next Generation Technology Independent Interoperability of Emergency Services "
- Mar. 2011-Sep. 2011 Researcher at University of the Basque Country (UPV/EHU), Networking Quality and Security (NQaS) research group, SAIOTEK project "LABEL", Basque Government
- May. 2009-Feb. 2011 Researcher at University of the Basque Country (UPV/EHU), Networking Quality and Security (NQaS) research group, ADA-NGN project
- Apr. 2008-Apr. 2009 Researcher at University of the Basque Country (UPV/EHU), Networking Quality and Security (NQaS) research group, SAIOTEK project "OPTIMOS", Basque Government

### SCIENTIFIC PUBLICATIONS

#### Articles with Impact Factor:

- Ianire Taboada, Himanshu Shee, "Understanding 5G technology for future supply chain management", *International Journal of Logistics: Research and Applications*, 2021, Vol 24(4), p. 392-406. ISBN: 1367-5567, England. 2020: JCR=3.821, Q3 (Q2 in 2018).
- Samuli Aalto, Pasi Lassila, Ianire Taboada, "Whittle index approach to opportunistic scheduling with partial channel information", *Performance Evaluation*, 2019, Vol. 136, p. 102052. ISBN: 0166-5316, Netherlands. JCR=1.567, Q2.
- Ianire Taboada, Fidel Liberal, Jose Oscar Fajardo, Bego Blanco, "An Index Rule Proposal for Scheduling in Mobile Broadband Networks with Limited Channel Feedback ", *Performance Evaluation*, 2017, Vol. 117, p. 130-142. ISBN: 0166-5316, Netherlands. JCR=1.786, Q2.
- Pouria Sayyad Khodashenas, Bego Blanco, Michail-Alexandros Kourtis, Ianire Taboada, et al., "Service Mapping and Orchestration Over Multi-Tenant Cloud-Enabled RAN", *IEEE Transactions on Network and Service Management*, 2017, Vol 14(4), p. 904-919. ISBN: 1932-4537, USA. JCR=3.286, Q1.
- Bego Blanco, Ianire Taboada, Jose Oscar Fajardo, Fidel Liberal, "A Robust Optimization Based Energy-Aware Virtual Network Function Placement Proposal for Small Cell 5G Networks with Mobile Edge Computing Capabilities", *Mobile Information Systems*, 2017, Vol. 2017. ISBN: 1574-017X, Netherlands. JCR=0.99, Q4.

Ianire Taboada, Samuli Aalto, Pasi Lassila, Fidel Liberal, "Delay- and Energy-Aware Load Balancing in Ultra-Dense Heterogeneous 5G Networks", *Transactions on Emerging Telecommunications Technologies*, 2017, Vol. 28, pp. 1-12. ISBN: 2161-3915, England. JCR=1.606, Q3.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, "Improving Content Delivery Efficiency through Multi-Layer Mobile Edge Adaptation", *IEEE Network*, 2015, Vol. 29(6), pp. 40-46. ISBN: 0890-8044, USA. JCR=2.899, Q1.

Ianire Taboada, Fidel Liberal, Peter Jacko, "An Opportunistic and Non-Anticipating Size-Aware Scheduling Proposal for Mean Holding Cost Minimization in Time-Varying Channels", *Performance Evaluation*, 2014, Vol. 79, p. 90-103. ISBN: 0166-5316, Netherlands. JCR=1.25, Q2.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal. "QoE-driven and network-aware adaptation capabilities in mobile multimedia applications". *Multimedia Tools and Applications*, 2014, Vol. 70(1), p. 311-332. ISBN: 1380-7501, Netherlands. JCR=1.346, Q2.

Fidel Liberal, Ianire Taboada, Jose Oscar Fajardo. "A lightweight network state estimation mechanism in ARQ-based wireless networks", *Telecommunication Systems*, 2014, Vol. 57, p. 137-157. ISBN: 1018-4864, Netherlands. JCR=0.705, Q3.

Ianire Taboada, Fidel Liberal, Jose Oscar Fajardo, Urtzi Ayesta. "QoE-aware optimization of multimedia flow scheduling", *Computer Communications*, 2013, Vol. 36(15), p. 1629-1638. ISBN: 0140-3664, Netherlands. JCR=1.352, Q2 .

Bego Blanco, Fidel Liberal, Ianire Taboada. "Suitability of ad hoc routing in WNR: Performance evaluation and case studies", *Ad Hoc Networks*, 2013, Vol. 11(3), p. 1165-1177. ISBN: 1570-8705, Netherlands. JCR=1.943, Q1.

### **Books:**

Jose Ramón Otegi, Nerea Toledo, Ianire Taboada, "Proceedings of the 3rd International Conference on Research and Education in Project Management – REPM 2020", 2020, ISBN-13: 978-84-09-19740-8, AEIPRO – IPMA Spain.

Jose Ramón Otegi, Nerea Toledo, Ianire Taboada, "Proceedings of the 2nd International Conference on Research and Education in Project Management – REPM 2019", 2019, ISBN-13: 978-84-09-10766-7, AEIPRO – IPMA Spain.

Jose Ramón Otegi, Nerea Toledo, Ianire Taboada, "Proceedings of the 1st International Conference on Research and Education in Project Management – REPM 2018", 2018, ISBN-13: 978-84-697-9972-7, AEIPRO – IPMA Spain.

### **Book chapters:**

Ruben Solozabal, Bego Blanco, Jose Oscar Fajardo, Ianire Taboada, et al., "Design of Virtual Infrastructure Manager with novel VNF placement features for edge clouds in 5G", *Engineering Applications of Neural Networks (Volume 744 of the series Communications in Computer and Information Science)*, 2017, p. 669-679. ISBN: 978-3-319-65172-9, Germany. SJR=0.17, Q3; indexed in Web of Science.

Ioannis Neokosmidis, Ianire Taboada et al., Deliverable 8.4:"Market analysis, Roadmapping and Business Modelling Report", 2016, SESAME H2020 project.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, "Radio-aware service-level scheduling to minimize downlink traffic delay through Mobile Edge Computing", *Networks and Management* (Volume 158 of the series *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*), 2015, p. 121-134. ISBN: 978-3-319-26924-5, Germany. SJR=0.133, Q4; indexed in Web of Science.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, "Analysis of CQI traces from LTE MIMO deployments and impact on classical schedulers", *Wired/Wireless Internet Communications* (Volume 9071 of the series *Lecture Notes in Computer Science*), 2015, p. 60-73. ISBN: 978-3-319-22572-2, Germany. SJR=0.369, Q3; indexed in Web of Science.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, Armando Ferro. "Cross-Layer Adaptation of H.264/AVC over 3G UMTS Mobile Video Services", *Mobile Lightweight Wireless Systems* (Volume 81 of the series *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*), 2012, p. 94-108. ISBN: 978-3-642-29478-5, Germany. SJR=0.169, Q4.

Ianire Taboada, Fidel Liberal, Jose Oscar Fajardo. "Delay modeling for 3G mobile multimedia services QoE estimation", *Mobile Lightweight Wireless Systems* (Volume 81 of the series *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*), 2012, p. 67-80. ISBN: 978-3-642-29478-5, Germany. SJR=0.169, Q4.

Nikos Zotos, Jose Oscar Fajardo, Harilaos Koumaras, Lenia Boula, Fidel Liberal, Ianire Taboada, Monica Gorricho. "Perceived QoE for User-Centric Multimedia Services". *Media Networks: Architectures, Applications, and Standards*, 2012, Ed. CRC Press, Chapter 15, p. 295-345. ISBN: 978-1-4398-7728-9, USA. Indexed in Web of Science.

### **Conferences:**

Ianire Taboada, Nerea Toledo, "A new EVM-driven and risk-aware index rule proposal for project scheduling and control using Whittle approach", *CIDIP 2020 - 24th International Congress on Project Management and Engineering*, Alcoi, Spain, July 7-10 2020. *Young Researcher Award*

Himanshu Shee, Shah Miah, Ianire Taboada, Tharaka De Vass, "Smart City – Smart Logistics Amalgamation", *E-TEMS 2020 - 2020 IEEE European Technology & Engineering Management Summit*, Dortmund, Germany, March 5-7 2020. Indexed in Web of Science.

Ianire Taboada, Himanshu Shee, "Towards 5G-enabled supply chain management", *17th ANZAM Operations, Supply Chain and Services Management Symposium*, Melbourne, Australia, July 10-12 2019.

Samuli Aalto, Pasi Lassila, Ianire Taboada, "Indexability of an opportunistic scheduling problem with partial channel information", *VALUETOOLS 2019 - 12th EAI International Conference on Performance Evaluation Methodologies and Tools*, Palma de Mallorca, Spain, March 13-15 2019. Indexed in Web of Science.

Pouria Sayyad Khodashenas, Jose Oscar Fajardo, Ianire Taboada, et al., "Service Provisioning and Pricing Methods in a Multi-Tenant Cloud Enabled RAN", *Conference on Standards for Communications and Networking*, Berlin, Germany, November 1-2 2016.

Indexed in Scopus.

Jose Oscar Fajardo, Ianire Taboada, Jose Ramón Otegi, Eva Ibarrola, Armando Ferro, Fidel Liberal, "Nuevas arquitecturas para la adaptación de servicios multimedia en redes móviles emergentes", duodécima edición de las Jornadas de Ingeniería Telemática (JITEL), Workshop QoS y QoE en Comunicación Multimedia (QQCM), Palma de Mallorca, Spain, October 14-16 2015.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, "Joint impact of CQI feedback delay and CQI reporting rate on channel-aware scheduling", duodécima edición de las Jornadas de Ingeniería Telemática (JITEL), Palma de Mallorca, Spain, October 14-16 2015.

Ianire Taboada, Jose Oscar Fajardo, Fidel Liberal, "Scheduling traffic flows in emerging wireless networks", INFORMS Applied Probability Society Conference 2015, Special Session on Control, Scheduling and Optimization of Queueing Systems, Istanbul, Turkey, July 5-8 2015.  
*Invited Speaker.*

Ianire Taboada, Peter Jacko, Urtzi Ayesta, Fidel Liberal, "Opportunistic Scheduling of Flows with General Size Distribution in Wireless Time-Varying Channels", 26th International Teletraffic Conference (ITC), Karlskrona, Sweden. September 9-11 2014.  
Indexed in Scopus.

Eduardo Saiz, Eva Ibarrola, Leire Cristobo, Ianire Taboada, "A cloud platform for QoE evaluation: QoXcloud", ITU Kaleidoscope 2014 - Living in a converged world - impossible without standards?, Saint Petersburg, Russian Federation. 3-5 June 2014.  
Indexed in Web of Science.

Ianire Taboada, Jose Oscar Fajardo, Fidel Liberal, Bego Blanco, "Size-Based and Channel-Aware Scheduling Algorithm Proposal for Mean Delay Optimization in Wireless Networks". IEEE International Conference on Communications (ICC 2012 ). Ottawa, Canada. June 10-15, 2012.  
Indexed in Web of Science.

Asiya Khan, Lingfen Sun, Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal, Emmanuel Ifeachor, "Impact of end devices on subjective video quality assessment for QCIF video sequences". Third International Workshop on Quality of Multimedia Experience (QoMEX2011). Mechelen, Belgium. September 7-9 2011.  
Indexed in Web of Science.

Ianire Taboada, Jose Oscar Fajardo, Fidel Liberal, "QoE and Energy-Awareness for Multi-Layer Video Broadcasting". 2011 IEEE International Conference on Multimedia and Expo (ICME 2011). Barcelona, Spain. July 11-15 2011.  
Indexed in Web of Science.

Eva Ibarrola, Fidel Liberal, Ianire Taboada, Rodrigo Ortega, "Web QoE Evaluation in Multi-Agent Networks: Validation of ITU-T G.1030". 5th International Conference on Autonomic and Autonomous Systems, ICAS 2009. Valencia, Spain. April 20-25.  
Indexed in Web of Science.

Iñaki Etxebarria, Luis Burgos, Ianire Taboada, Eduardo Saiz, "Diseño e implementación de un sistema de gestión y mantenimiento para el servicio velocímetro.org". XXIII Simposium Nacional URSI. Madrid, Spain. September 22-24, 2008.

## Others:

Ianire Taboada, Bego Blanco, "Sareari adimena gehitzen: machine learning eta gaitasun kognitiboen sarrera sare-mailako monitorizaziorako eta matxuren diagnostikorako", EKAIA Euskal Herriko Unibertsitateko Zientzi eta Teknologi Aldizkaria aldizkaria, 2018, Vol. 33, p. 181-193. ISBN: 0214-9001, Spain.

Bego Blanco, Jose Oscar Fajardo, Fidel Liberal, Ianire Taboada, "Gaitasun kognitiboen aplikazioa 5G sareen kontrol- eta kudeaketa-mailetan", EKAIA Euskal Herriko Unibertsitateko Zientzi eta Teknologi Aldizkaria aldizkaria, 2017, Vol. 31, p. 145-156. ISBN: 0214-9001, Spain.

Ianire Taboada, Fidel Liberal, "QoE-aren optimizaziorako indize erregelen proposamenak sare baliabideen esleipenerako planifikazioan", EKAIA Euskal Herriko Unibertsitateko Zientzi eta Teknologi Aldizkaria aldizkaria, 2016, Vol. Ale berezia, p. 109-120. ISBN: 0214-9001, Spain.

Eduardo Saiz, Eva Ibarrola, Leire Cristobo, Ianire Taboada, "QoXcloud: A cloud platform for QoE evaluation", Journal of ICT Standardization, 2015, Vol. 2(3), p. 223-246. ISBN: 2246-0853, Japan. Indexed in DBLP.

Ianire Taboada, Fidel Liberal, "A Novel Scheduling Index Rule Proposal for QoE Maximization in Wireless Networks", *Abstract and Applied Analysis*, 2014, Vol. 2014. ISBN: 1085-3375, USA. SJR= 0.492, Q3; indexed in Web of Science. 2013: JCR=1.274, Q1.

Fidel Liberal, Ianire Taboada, Jose Oscar Fajardo. "Dealing with Energy-QoE tradeoffs in mobile video". Journal of Computer Networks and Communications, 2013, p. 1-12. ISBN: 2090-7141, Egypt. SJR=0.202, Q3.

Ianire Taboada, Jose Oscar Fajardo, Fidel Liberal. "Performance Analysis of Scheduling Algorithms for Web QoE Optimization in Wireless Networks". International Journal of Network Protocols and Algorithms, 2012, Vol. 4(4), p. 27-43. ISBN: 1943-3581, USA. Indexed in DBLP.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal. "Cross-layer cross-domain adaptation of mobile video services". ICST Transactions on Mobile Communications and Applications, 2012, Vol. 12, p. 1-11. ISBN: 2192-1121, Belgium. Indexed in DBLP.

Jose Oscar Fajardo, Ianire Taboada, Fidel Liberal. "Quality assessment for mobile media-enriched services: impact of video lengths". Communications in Mobile Computing, 2012, Vol. 1, p. 1-5. ISBN: 2192-1121, Germany. Indexed in Google Scholar.

## **RESEARCH PROJECTS**

Sept. 2021-Sep. 2024 "OrcheSmart5G – Deployment and orchestration of mission critical communication services in the NFV+5G framework". Funded by Spanish Ministry of Science and Innovation.

2020 "REPM 2020 – Research and Education in Project Management 2020". Basque Government.

2019 "REPM 2019 – Research and Education in Project Management 2019". Basque Government.

Jun. 2018-May. 2022	“REPME – Research and Education in Project Management Extension”. UPV/EHU, 2018-2022.
2018	“REPM 2018 – Research and Education in Project Management 2018”. UPV/EHU.
Dec. 2016-Dec. 2019	“5RANVIR – Adaptive cloud-based radio access for virtualized network and service functions in 5G”. Funded by Spanish Ministry of Economy and Competitiveness, 2016-2019.
July. 2015-Dec. 2017	“SESAME: Small cEIS coordinAtion for Multi-tenancy and Edge services”. H2020 LEIT ICT. 2015-2017.
Nov. 2014-Dec. 2016	“QoEverage”. Funded by Spanish Ministry of Economy and Competitiveness, 2014-2016.
Jun. 2014-Nov. 2014	“Next Generation Communication”. Funded by UPV/EHU.
Dec. 2011-Jun. 2014	“GERYON: Next Generation Technology Independent Interoperability of Emergency Services”. FP7 SEC-2011.5.2-1: Technical solutions for interoperability between first responder communication systems.
Apr. 2013-Jan. 2014	“MTM2010-17405: Efficient Control Methods and Algorithms for Dynamic Resource-Sharing Systems”. Funded by Spanish Ministry of Economy and Competitiveness, 2011-2013.
Nov. 2011-Dec. 2016	“Tecnologías de redes y comunicaciones multimedia”. Funded by UPV/EHU.
Jun. 2010-Jun. 2012	“LABEL”. SAIOTEK, Basque Government.
Jan. 2010-Dec. 2011	“KaLTE – Kalitatea adierazten LTE-n”. SAIOTEK, Basque Government.
Jan. 2010-Dec. 2010	“Equipo emulador multipropósito de acceso inalámbrico para redes 4G (LTE/Wimax)”, UPV/EHU.
Mar. 2008-Aug. 2010	“ICT ADAMANTIUM - ADAPtative Management of mediA distributioN based on saTisfaction orlented User Modelling”. Funded by European Union.
May 2009-Apr. 2011	“ADA-NGN”. Basque Government.
Jul. 2007-Dec. 2008	“OptimMOS”. SAIOTEK, Basque Government.
Sep. 2006-Sept. 2008	“IEMS: Creación de una plataforma integrada para la monitorización de Portales de Internet: Integrated External Monitoring System”. Basque Government.
Apr. 2004-Dec. 2008	Development and provision of services in support of the Community R&D Information Service (CORDIS) Volume B Lot 5 - External Monitoring and user feedback”. European Union.

## RESEARCH STAYS

- Victoria University Business School, Melbourne (Australia), 8 months, 2019.
- University of Aalto, Helsinki (Finland), 5 weeks, 2015.
- Basque Center for Applied Mathematics (BCAM), Bilbao (Spain), 6 months, 2013.

## RESEARCH GROUPS

Nov. 2007-present      Member of Networking Quality and Security (NQaS), research group of UPV/EHU.

## OTHER ACTIVITIES

- Organizing committee member of the 2022 IEEE European Technology and Engineering Management Summit – IEEE E-TEMS 2022, in Bilbao.
- Organizing and scientific committee member of the 3<sup>rd</sup> International Conference on Research and Education in Project Management – REPM 2020, in Bilbao.
- Organizing committee member of the 2<sup>nd</sup> International Conference on Research and Education in Project Management – REPM 2019, in Bilbao.
- Organizing committee member of the 1<sup>st</sup> International Conference on Research and Education in Project Management – REPM 2018, in Bilbao.
- Organizing committee member of the conference XXV Simposium Nacional de la Unión Científica Internacional de Radio, URSI 2010, in Bilbao.



## TEACHING

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### WORK EXPERIENCE

- Feb. 2015-present Full-time lecturer at University of the Basque Country. Graphic Design and Engineering Projects Department  
Courses taught: Research in Project Management (Master's in Project Management), Project Management (4th year Industrial Electronic and Automation & Electrical & Mechanical Engineering grade), Engineering Projects (4th year Civil Engineering grade), Graphic Design (1<sup>st</sup> year Civil, Mechanical & Industrial Electronic and Automation & Electrical Engineering grade), Industrial Technique Design (4th year Civil Engineering grade)
- Nov. 2014-Jan. 2015 Full-time lecturer at University of the Basque Country. Informatic Languages and Systems Department  
Courses taught: Security (3th year Informatic Engineering and Management grade), Programming (1st year in different Engineering grades)
- Sep. 2014-Oct. 2014 Part-time lecturer at University of the Basque Country. Informatic Languages and Systems Department  
Courses taught: Security (3th year Informatic Engineering and Management grade)
- Oct. 2011-Apr. 2012 Full-time lecturer at University of the Basque Country. Electronics and Telecommunications Department (Telematics Engineering Area)  
Courses taught: Data Transmission Laboratory (3th year Telecommunication Engineering), Switching Techniques (4th year Telecommunication Engineering), Programming (2nd year Telecommunication Engineering grade)
- Feb. 2009-Sep. 2011 Part-time lecturer at University of the Basque Country. Electronics and Telecommunications Department (Telematics Engineering Area)  
Courses taught: Switching Techniques (4th year Telecommunication Engineering), Programming (1st year Telecommunication Engineering), Networks and Services Laboratory (2nd year Telecommunication Engineering)

### PUBLICATIONS

#### Books:

- Paulo Etxeberria, Ianire Taboada, "Ingeniaritzako proiektuak. Apunteak" (*Engineering projects. Notes*), ISBN: 978-84-09-04091-9, 2018.
- Paulo Etxeberria, Ianire Taboada, "Proyectos de ingeniería. Apuntes" (*Engineering projects. Notes*), ISBN: 978-84-09-04093-3, 2018.
- Paulo Etxeberria, Ianire Taboada, "Irudigintza teknikoa. Ariketa ebatiak" (*Technical drawing. Resolved exercises*), ISBN: 978-84-697-9134-9, 2018.
- Paulo Etxeberria, Ianire Taboada, "Dibujo técnico. Ejercicios resueltos" (*Technical drawing. Resolved exercises*), ISBN: 978-84-697-9133-2, 2018.

## OTHER ACTIVITIES

- Supervisor of several Final Degree and Master Dissertations
- One teaching quinquennium, period 2009-2018.
- Attendance to the following courses:
  - “Elaboración de la memoria del proyecto docente para las oposiciones a profesorado agregado y titular” (4.5 hours). Course taught by SAE/HELAZ. Leioa, January 2018.
  - “Augmented reality” (60 hours). Course taught by Centro Internacional de Tecnologías Avanzadas de la Fundación. Online, February 2015.
  - “QoS and standardization bodies” (6 hours). Course taught by Professor Joaquim Pomy. Bilbao, January 2012.
  - “Markov Decision Chains and Their Applications” (10 hours). Course taught by Professor Dr. Ger Kool (Vu University, Amsterdam). BCAM, Zamudio, November 2011.
  - “Fundamentos de sistema de comunicaciones móviles EPS” (15 hours). Course taught by Professors Jose Maria Hernando Rabanos and Manuel Alvarez-Campana Fernandez-Corredor. Bilbao, December 2010.
  - “QoS measurement and optimization in UMTS” (9 hours). Course taught by Dr. Philipp Svoboda. Bilbao, July 2010.
  - Summer academy on Wireless Communications, Ilmenau University (Germany), August 2009.
  - “Advanced Performance Modeling of Communication Networks” (9 hours). Course taught by Professor Dr. Rob Van der Mei (Vrije Universiteit Amsterdam). Bilbao, July 2009.
  - “Performance Evaluation of Communication Networks” (9 hours). Course taught by Professor Dr. Nelson Saldanha da Fonseca (Universidade Estadual da Campinas, Brazil). Bilbao, June 2009.
- Subject Coordinator: Project Management (4th year Industrial Electronic and Automation & Electrical & Mechanical Engineering grade, UPV/EHU) since 2020
- Per-year collaboration in Engineering Presentation Days for bachelor students (2008-2017)