

## Part A. PERSONAL INFORMATION

<b>CV date</b>	25/09/2018
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First and Family name	Mikel Larrañaga Olagaray		
Social Security, Passport, ID number	44618343E	Age	43
Researcher numbers	Researcher ID	K-4323-2014	
	Orcid code	0000-0001-9727-1197	

### A.1. Current position

Name of University/Institution	University of the Basque Country UPV/EHU		
Department	Computer Languages and Systems		
Address and Country	Nieves Cano 12, 01006 Vitoria-Gasteiz		
Phone number	945013671	E-mail	<a href="mailto:mikel.larranaga@ehu.eus">mikel.larranaga@ehu.eus</a>
Current position	Senior Lecturer (contratado doctor)	From	26/12/2001
Espec. cód. UNESCO	120304 120310		
Palabras clave	Technology Supported Learning Systems, Knowledge Acquisition, Learning Analytics		

### A.2. Education

PhD	University	Year
PhD in Computer Science	University of the Basque Country UPV/EHU	2012
Computer Engineering	University of the Basque Country UPV/EHU	2001

### A.3. JCR articles, h Index, thesis supervised...

- Six-year research periods: 1 (2015/06/30)
- Directed doctoral thesis: 1 (1 international)
- Total cited-by: **Thomson Reuters**: 34 – Scopus: 121 – Google Scholar: 472
- Cited-by/year last 5 years: **Thomson Reuters**: 1.1 – Scopus: 13.4 – Google Scholar: 43.4
- Number of publications first quartile: **Thomson Reuters**: 3 – SJR: 5
- h-index: **Thomson Reuters**: 4 – Scopus: 7 – Google Scholar: 13

## Part B. CV SUMMARY (max. 3500 characters, including spaces)

Since the 2000 the researcher joined the GaLan research group of the University of the Basque Country UPV/EHU, the researcher has developed his research work in the interdisciplinary area of Educational Computing. Basically, he has worked on aspects such as knowledge acquisition, student modeling, concept-mapping in education and learning analytics. At present, his work is mainly focused on the semiautomatic acquisition of the domain module from electronic documents using techniques based on heuristics, natural language processing and automatic learning, the use of recommender systems in education and learning analytics.

The publications obtained during these years support the collaboration of the researcher, not only with members belonging to different research groups of the University of the Basque Country UPV/EHU such as the natural language processing group IXA, but also with researchers belonging to national and international institutions such as Aries Laboratory of the University of Saskatchewan in Canada, the Catholic University of Louvain or the University of Illinois in the United. He has also collaborated, among others, with companies and research centers in the Basque business sector, such as the Basque Statistics Institute EUSTAT of the Basque Government or Icastolen Elkarte. The researcher has been one of the founder members of the Spanish Network of Learning Analytics.

In addition, at present, the researcher is a member of the Adian consolidated group, recognized with category A by the Basque Government.

## Part C. RELEVANT MERITS

### C.1. Publications (including books)

Mikel Villamañe, Ainhoa Álvarez, Mikel Larrañaga (2018). EvalVis: Enriching Formative Assessment with Visual Learning Analytics, *International Journal of Engineering Education*, Vol. 34(3), pp. 1001-1012 (JCR: Q4 – SJR: Q2)

Mikel Villamañe, Ainhoa Álvarez, Mikel Larrañaga, Begoña Ferrero (2017). Tramea, una herramienta de soporte al desarrollo de Trabajos de Fin de Grado. Evaluación de usabilidad, *IEEE Latin America Transactions*, Vol. 15(4), pp. 768-774 (JCR: Q4 – SJR: Q2)

Iñaki Calvo, Jon A. Elorriaga, Ana Arruarte, Mikel Larrañaga, Julian Gutiérrez (2017). Introducing Computer-Based Concept Mapping to Older Adults, *Educational Gerontology*, Vol. 43(8), pp. 404-416 (JCR: Q4 – SJR: Q2)

Ángel Conde, Mikel Larrañaga, Ana Arruarte, Jon A. Elorriaga, Dan Roth (2016). LiteWi: a Combined Term Extraction Method for Eliciting Educational Ontologies from Textbooks, *Journal of the Association for Information Science and Technology*, Vol. 67(2), pp. 380-399 (JCR: Q1– SJR: Q1)

Ainhoa Álvarez, Mikel Larrañaga (2016). Experiences Incorporating Lego Mindstorms Robots in the Basic Programming Syllabus: Lessons Learned, *Journal of Intelligent and Robotic Systems*, Vol. 81(1), pp. 117-129 (JCR: Q3– SJR: Q1)

Ana Arruarte, Iñaki Calvo, Jon A. Elorriaga Mikel Larrañaga, Ángel Conde (2014). Collaborative and multilingual approach to learn database topics using concept maps, *The Scientific World Journal* (Scopus: Q2)

Mikel Larrañaga, Ángel Conde, Iñaki Calvo, Jon A. Elorriaga, Ana Arruarte (2014). Automatic Generation of the Domain Module from Electronic Textbooks. *Method and Validation, IEEE Transactions on Knowledge and Data Engineering*, Vol 26(1), pp. 69-82. (JCR: Q1– Scopus: Q1)

Ángel Conde, Mikel Larrañaga, Ana Arruarte, Jon A. Elorriaga (2014). Testing Language Independence in the Semiautomatic Construction of Educational Ontologies, Proceedings of the 12<sup>th</sup> International Conference on Intelligent Tutoring Systems ITS 2014, LNCS Vol. 8474, pp.545-550 (CORE A)

Jon Ander Elorriaga, Ana Arruarte, Iñaki Calvo, Mikel Larrañaga, Urko Rueda, Elena Herran (2013). Collaborative Concept Mapping Activities in a Classroom Scenario, *Behaviour & Information Technology*, Vol 32(12), pp. 1292-1304. (JCR: Q3– SJR: Q1)

Ana Arruarte, Jon A. Elorriaga, Iñaki Calvo, Mikel Larrañaga, Urko Rueda (2012). Computer-based Concept Maps for Enabling Multilingual Education in Computer Science: a Basque, English and Spanish Languages Case, *Australasian Journal of Educational Technology*, Vol 28(5), pp. 793-808. (JCR: Q1– SJR: Q1)

### C.2. Research projects and grants

Title: Adian

Funding entity: Basque Government

Main researcher: Ana Arruarte Lasa

Duration: January 2016-December 2021, Funding: 554.200€

Title: Generación de ontologías educativas multilingües e interacción entre los actores que participan en el proceso de aprendizaje  
Funding entity: UPV/EHU  
Main researcher: Ana Arruarte Lasa  
Duration: August 2015-July 2019, Funding: 39.440,11€

Title: Desarrollo de entornos inteligentes de ayuda al aprendizaje mediante la aplicación de técnicas de Inteligencia Artificial  
Funding entity: Basque Government (IT722-13)  
Main researcher: Isabel Fernández de Castro  
Duration: January 2013-December 2015, Funding: 53.200€

Title: Basque Advanced Informatics Laboratory  
Funding entity: UPV/EHU (UFI11/45)  
Main researcher: Mikel Larrea Alava  
Duration: January 2011-December 2016, Funding: 116.862.32

Title: ArBEL3 – Architectures for Blended Environments and Long-Life Learning  
Funding entity: CICYT (TIN2009-14389)  
Main researcher: Isabel Fernández de Castro  
Duration: July 2009-December 2012, Funding: 95.900€

Title: IKAS-DOM: adaptación semiautomática de recursos didácticos para Sistemas de Aprendizaje Basados en la Tecnología  
Funding entity: UVP/EHU (EHU09/09)  
Main researcher: Ana Arruarte Lasa  
Duration: November 2009-April 2012, Funding: 19.000€

Title: Desarrollo de entornos inteligentes de ayuda al aprendizaje mediante la aplicación de técnicas de Inteligencia Artificial  
Funding entity: Basque Government (IT421-10)  
Main researcher: Isabel Fernández de Castro  
Duration: January 2010-December 2012, Funding: 82.000€

### **C.3. Contracts**

Title: Renovación de la Web Escolar de EUSTAT  
Duration: September 2017-December 2017  
Responsable researcher: Mikel Larrañaga  
Number of researchers from UPV/EHU: 3  
Enterprises: Instituto Vasco de Estadística, EUSTAT  
Funding: 17.995€

### **C.4. Patents**

### **C.5. Awards**

*Outstanding Paper Award*, International Conference on Computers in Education 2002, New Zealand, Paper: "Using CM-ED for the Generation of Graphical Exercises Based on Concept Maps".

## **C.6. Institutional responsibilities**

Member of the *Quality Committee* of Engineering University School of Vitoria-Gasteiz at UPV/EHU.

Coordinator of the degree in Computer Engineering

## **C.7. Directed Doctoral Thesis**

*LiDom Builder: Automatising the Construction of Multilingual Domains*. Ángel Conde Manjón, UPV/EHU, 2016 (international).

## **C.8. Committees**

Member of the Spanish Network of Learning Analytics (SNOLA)

Member of the committee of conferences: EDUCON 2018, TEEM16, TEEM17, TEEM18

Co-chair of the Local Learning Analytics Summer Institute LASI 2016