Date	06/07/2019

Part A. PERSONAL DATA

NAME	JUAN MANUEL VARA MESA		
NIE / Passport		Age	
Research IDs	Researcher ID	K-6774-2014	
	Código Orcid	0000-0002-8637-6580	

A.1. Current Employment

Institution	UNIVERSIDAD REY JUAN CARLOS		
Department	Ciencias de la Educación, Lenguaje, Cultura y Artes, Ciencias Histórica-Jurídicas y Humanísticas y Lenguas Modernas / Facultad Ciencias Jurídicas y Sociales		
Address	C/ Tulipán S/N, Móstoles (MADRID), 28933		
Phone	914888264	e-mail	juanmanuel.vara@urjc.es
Current Position	Associate Professor		
Keywords	Services Engineering, Model-Driven Engineering, Data and Information Management, Project Management, Research Methods, Soft skills		

A.2. Academic Degrees

Computer Science	Universidad Rey Juan Carlos	Sept. 2004
MSc. Information Systems Engineering	Universidad Rey Juan Carlos	Sept. 2007
PhD	Universidad Rey Juan Carlos	Nov. 2009

A.3. Academic indicators

- [redacted]
- PhD Thesis supervised (last 10 years): 6.

(Data gathered from SCOPUS, without autocites and co-authors cites):

- #Cites: 320 | #Cites Average (last 5 years): 33
- H-index: 10
- JCR Journals: 19 (6Q1 + 7Q2 + 5Q3 + 1Q4)
- JCR Special Issues: 2 (Q1, Q2)
- GII-GRIN Conferences: 5 Class 1 | 9 Class 2 | 6 Class 3

Part B. Shorted Bio

Juan M. Vara is an associate professor at the University Rey Juan Carlos of Madrid where he is a member of the Kybele R&D group and he received his PhD on Computer Science in 2009. Head of the MSc in Information Systems Engineering, the BSc in Services Engineering and the Software and Services Engineering area in the PhD program on ICT.

He has been a doctoral researcher at the University of Nantes and a post-doctoral researcher at the European Research Institute in Service Science at the University of Tilburg. Among others, he holds SCRUM Master, ITIL foundation and CCMi certifications.

His research activities have mainly spin around Model-Driven Engineering, an area where he has achieved results in the shape of publications in reference forums since 2006, including the main conferences (ICMT, MoDELs, ER) and journals in the area (SoSyM, IST, TSE, etc.).

More recently, he has contributed to promote a new research line based on the application of Model Driven Engineering to Service Engineering, which turned into the deployment of the first european degree on Service Engineering at Universidad Rey Juan Carlos, which is now in its 4th year.

Part C. RELEVANT ACHIEVEMENTS

C.1. Publications

- Aldave, A., Vara, J. M., Granada, D., & Marcos, E. (2019). *Leveraging creativity in requirements elicitation within agile software development: a systematic literature review*. **Journal of Systems and Software**, 157, 110396. (2019). (**Q1**)

- D. Granada, J.M. Vara, M. Brambilla, V. Bollati, E. Marcos. *Analysing the cognitive effectiveness of the WebML visual notation*. **Software and Systems Modelling (SoSyM)**, 16(1), 195-227. Febrero 2017. JCR 2016: 1,654 (**Q2**)
- Á. Jiménez, J.M. Vara, V.A. Bollati, E. Marcos. *MeTAGeM-Trace: Improving trace generation in model transformation by leveraging the role of transformation models.* **Science of Computer Programming** 98: 3-27 (2015). JCR Factor de Impacto 2015: 0.828 (**Q3**)
- J.M. Vara, V. Bollati, A. Jimenez-Rielo, E. Marcos. *Dealing with traceability in the MDD of model transformations*. **IEEE Transactions on Software Engineering**, 40(6), 555-583. Mayo 2014. JCR 2012: 2.588 (**Q1**)
- K. Garcés, J.M. Vara, F. Jouault, E. Marcos. *Adapting transformations to Metamodel Changes via Functional Composition*. **Software and Systems Modelling (SoSyM)** 13(2). 789-806. Mayo 2014. JCR 2012: 1,250 (**Q2**)
- V. A. Bollati, J. M. Vara, Á. Jiménez, E. Marcos. *Applying MDE to the (semi-) automatic development of model transformations.* **Information and Software Technology (IST)** 55(4). 699- 718. Abril, 2013. JCR 2012: 1.522 (**Q1**)
- I.Santiago, Á. Jiménez, J. M. Vara, V. De Castro, V. A. Bollati, E. Marcos. *Model-Driven Engineering as a new landscape for traceability management: A systematic literature review***. Information and Software Technology (IST)** 54(12). 1340-1356. JCR 2012: 1.522 (**Q1**)
- J. M. Vara, E. Marcos. Título: A framework for Model-Driven development of Information Systems: technical decisions and lessons learned. **Journal of Systems and Software (JSS)** 85(10). 2368-2384. Octubre 2012. JCR 2012: 1.135 (**Q2**)
- E.Marcos, J. M. Vara, V. de Castro. *What Science can Learn from the Arts: Some Thoughts about Author Order in Research Papers*. **Communications of the ACM (CACM)** 55(9). 39-41. Septiembre 2012. JCR 2012: **2.511** (**Q1**)
- V. De Castro, E. Marcos, J.M. Vara. *Applying CIM-to-PIM model transformations for the service-oriented development of information systems***. Information and Software Technology** 53(1). 87-105. Enero de 2011. JCR 2011: 1.250 **(Q2)**
- Marcos López, Juan M. Vara, Esperanza Marcos, Carlos E. Cuesta. *A Model-Driven approach to weave architectural styles into Service-Oriented Architectures*. **International Journal of Cooperative Information Systems (IJCIS),** 20(2). 201-220. June 2011. JCR 2011: **1.278 (Q1).**

C.2. Projects

- **MADRID: user-centered methodological framework for service design in the digital society**. MINECO - TIN2017-88557-R. Team Leader: Juan M. Vara. Jan. 2018 – Dec. 2021. 120.000€
- *Grupo de Excelencia en Service Science, Management and Engineering (GES2ME).* Universidad Rey Juan Carlos y Banco Santander. Team Leader: E. Marcos. €31.882,32.
- **ELASTIC: A lEan and modeL-bAsed ServiTizatIon proCess: application to the ICT sector.** Ministerio de Ciencia e Innovación - Proyecto I+D Plan Nacional TIN2014-52938-C2-1-R. 01/01/2015 - 31/12/2017. Team Leader: Esperanza Marcos. 102.200,00 €**.**
- **SICOMORo-CM**: **reliable systems development through models and advanced tooling**. Regional Government of MADRID. 796.000€
- **ABC GATES FOR EUROPE.** EUROPEAN COMMISION – FP7 Security. 01/01/2014 - 31/08/2016. 16.817.103€. Team Leader: INDRA - URJC: Cristina Conde
- **MASAI: model-based solutions for service engineering problems**. Ministerio de Ciencia e Innovación. TIN2011-22618. 01/01/2012 - 31/12/2014. Team Leader: Esperanza Marcos. 229.658,00 €
- **Agreement Technologies.** MEC: CSD2007-0022 - CONSOLIDER. 4.385.000 €; URJC: 1.000.000 €. Team Leader: Sascha Ossowski.