Esther Guerra Sánchez
Associate Profesor

Computer Science Department
Escuela Politécnica Superior

UAM
Universidad Autónoma
de Madrid

Esther Guerra holds a PhD in Computer Science from Universidad Autónoma of Madrid (UAM). She was an assistant professor at Carlos III University from 2004 to 2010, and she is actually an associate professor at UAM. Together with Juan de Lara, she co-leads the *Modelling & Software Engineering Group* (MISO, miso.es).

Her research interests lie on techniques to automate software creation (i.e., creating software faster). For this purpose, her work covers several aspects of Model-Driven Engineering, with a special focus on flexible modelling, meta-modelling, domain-specific languages and model transformation. She has published more than 150 articles on these topics in journals (e.g., IEEE Transactions on Software Engineering, ACM Transactions on Software Engineering and Methodology, IEEE Software, Software & Systems Modelling) and conferences (e.g., MODELS, ASE, ECMFA, SLE, ER). She has also been a pre/post-doctoral researcher at TU Berlin, Sapienza University of Rome, University of York, University of L'Aquila, University of Toronto, and McGill University.

Esther has been a member of the program committee of numerous national and international conferences, and the PC co-chair of ICMT'17, ICGT'19 and FASE'21. She actually belongs to the editorial board of the journal on Software and Systems Modeling.