MARIE SKŁODOWSKA-CURIE
EUROPEAN TRAINING NETWORK

Creative and entrepreneurial early-stage researchers, able to convert knowledge and ideas into products and services for economic and social benefit

LOWCOMOTE

15 PHD POSITIONS

Starting September 2019

Training the Next Generation of Experts in Scalable Low-Code Engineering Platforms

- **Model-Driven Engineering**
- **Cloud Computing**
- **Machine Learning**

PARTNERS

IMT Atlantique (FR)
University of York (UK)
Universidad Autónoma de Madrid (ES)
University of L'Aquila (IT)
JK University of Linz (AT)
British Telecom (UK)
Intecs (IT)
Uground (ES)
CLMS (UK / GR)
IncQueryLabs (HU)
SparxSystems (AT)
Metadev (ES)
The Open Group (UK)
Amazon Web Services (LU)

LOWCOMOTE is an Innovative Training Network - European Training Network project, funded under the Marie Skłodowska-Curie grant agreement No. 813884.

This four year network will recruit outstanding candidates and allow them to master the different competences needed in the field of model driven engineering, machine learning and cloud computing.

THESIS TOPICS

- Scaling Up Citizen Develoment with Recommender Chatbots
- Scalable Cloud-Based Heterogeneous Modelling
- Deploying and Scaling Knowledge Models in Data Science
- Urban Area Management in Smart Cities
- Low-code Development of Rich Collaborative Mobile Apps using Active DSLs
- Scalable and Extensible Cloud-based Low-Code Model Repository
- Mining Interaction Processes in Low-Code System Models
- Capability Discovery and Reuse in Low-code System Models
- DevOps Support for Low-Code Engineering Platforms
- Cloud-Based Testing Workbench for Low-Code Engineering
- Intelligent Run-Time Partitioning of Low-Code System Models
- Heterogeneous Low-Code Model Query Optimisation
- Live Model Transformation for Distributed Low-Code Platforms
- Multi-Paradigm Distribution for Model Management Operations
- Cloud-Based Low-Code Model Transformations Composition and Execution

ELIGIBILITY CRITERIA

Career: candidates must not have performed research for more than four years (full-time equivalent) after their degree. Candidates must not have been awarded a prior doctoral degree. Mobility: At the time of recruitment, researchers must not have resided, or carried out their activity in the country of the hiring institution for more than 12 months in the 3 years prior to recruitment date.

Attractive remuneration including a living, mobility and family allowances (if applicable). All relevant expenses linked to the research and training activities paid by the project budget.

INTERESTED?
http://www.lowcomote.eu