8th International Conference on Model-Driven Engineering and Software Development - MODELSWARD 2020

The purpose of the International Conference on Model-Driven Engineering and Software Development, MODELSWARD 2020, is to provide a platform for researchers, engineers, academics as well as industrial professionals from all over the world to present their research results and development activities in using models and model driven engineering techniques for Software Development.

Website: http://www.modelsward.org

February 25 - 27, 2020 Valletta, Malta

In Cooperation with: ACM SIGSOFT and EATCS.

Proceedings will be submitted for indexation by: DBLP, Thomson Reuters, EI, SCOPUS, Semantic Scholar, Google Scholar and Microsoft Academic.
IMPORTANT DATES:

Regular Paper Submission: October 4, 2019
Authors Notification (regular papers): December 3, 2019
Final Regular Paper Submission and Registration: December 17, 2019

Conference Topics:
Area 1: Methodologies, Processes and Platforms
- Agile Model-Driven Development
- Business Process Modeling
- Frameworks for Model-Driven Development
- Hybrid Multi-Modeling Approaches
- Model Transformations and Generative Approaches
- Modelling for Cloud Computing
- Software Process Modeling, Enactment and Execution
- Systems Engineering

Area 2: Applications and Software Development
- Component-Based Software Engineering
- Modeling in Data Mining Applications
- Software Factories and Software Product Lines
- Executable UML
- Generative Programming
- Model Execution and Simulation
- Model Quality
- Model-Based Testing and Validation
- Model-Driven Project Management
- Modeling for AI Applications

Area 3: Modeling Languages, Tools and Architectures
- Constraint Modeling and Languages
- Domain-Specific Modeling
- General-Purpose Modeling Languages and Standards
- Meta-Modeling: Foundations and Tools
- Model Transformation
- Model-Driven Architecture
- Reasoning about Models
- Service Oriented Architectures
- Syntax and Semantics of Modeling Languages

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