



MDENet Annual Symposium

PROGRAM TIMES & SPEAKER DETAILS
DECEMBER 5TH - DAY 1

8H30-9H	Registration / coffee
9H-10H30	Keynote Speaker - Lola Burgueno - Revolutionising Model Development with Large Language Models
10H30-11H	Coffee break
11H-12H30	Short talks Tom Beadman // Hanan Abdulwahab Siala Juha-Pekka Tolvanen // Stephen Powley
12H30-13H30	Lunch
13H30-15H	Tutorial - Antonio Garcia-Dominguez - Managing your models as part of a DevOps pipeline
15H-15H30	Coffee break
15H30-17H	Short talks Jos Warmer // Iván Alfonso Juha-Pekka Tolvanen // Marc North Joe Newton & Qurat ul ain Ali
17H -	Optional - you can join us at the pub after the event!

YOU CAN REGISTER FOR THE EVENT AND GET TO KNOW
THE FULL PROGRAMME HERE:



<https://mde-network.com/annual-symposium-2023/>





MDENet Annual Symposium

PROGRAM TIMES & SPEAKER DETAILS
DECEMBER 6TH - DAY 2

8H30-9H Arrival / coffee

9H-10H30 Keynote Speaker - **Maged Khalil** - How much modeling do we really need? A view on MDE challenges & trends in the automotive industry in the age of the Software-Defined-Vehicle

10H30-11H Coffee break

11H-12H30 Digital Twins and MDE Session
Leo Freitas - Digital twins as medical Applications
Simon Miles - Domain-specific modelling in aerospace digital twins
Oleg Aslanidi - Cardiac digital twins for stratification and therapy guidance in arrhythmia patients

12H30-13H30 Lunch

13H30-15H Presentations from seedcorn projects

15H-15H30 Coffee break

15H30-17H Presentations from seedcorn projects

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Keynote Speakers

Lola Burgueno - Revolutionising Model Development with Large Language Models.

Maged Khalil - How much modeling do we really need? A view on MDE challenges & trends in the automotive industry in the age of the Software-Defined-Vehicle.

Short talks

Juha-Pekka Tolvanen on 'Empowering Language Users: The MetaEdit+ Collaborative Approach to Language Engineering'.

Juha-Pekka Tolvanen on 'How Companies Measure Productivity from Domain-Specific Modeling Languages'.

Tom Beadman on 'ISO20022 and converting from Eclipse Modeling Framework to JetBrains Meta Programming System'.

Hanan Abdulwahab Siala on 'Model-driven Approaches for Reverse Engineering'.


Jos Warmer on 'The LionWeb Initiative: interoperability of language tools on the Web'.

Ivan Alfonso on 'BETter Smart Software fastER (BESSER): an open source low-modeling low-code platform to develop smart software'.

Stephen Powley on 'Foundations for Multicontext Modelling: semantic web-compatible vocabulary management for standards'.

Marc North on 'Enhancing LLM Code Generation with domain-specific UML models: real-world examples from industry'.

Joe Newton & Qurat ul ain Ali on 'Development of a Cloud-Based Modelling Environment for Controls and Monitoring Systems'.



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Digital Twins and MDE Session

Leo Freitas - Digital twins as medical Applications

Simon Miles - Domain-specific modelling in aerospace digital twins

Oleg Aslanidi - Cardiac digital twins for stratification and therapy guidance in arrhythmia patients

Seedcorn Fund Projects

Avi Shaked on 'Automating the security analysis and design of systems using models'.

Huma Samin on 'iDecide: Quantifying Uncertainty in Models using Artificial Intelligence for Personalised and Shared Decision-Making in Digital Health'.

Huma Samin on 'Envisioning Risk Models for Assessment of AI-based applications (ERiMA)'.

Kevin Lano on 'Financial Model Validation using Model-driven Engineering'.

Avner Bensoussan on 'Model-Driven Scenario Evaluation for Testing Automated Driving Functions (MODEST-AutoDrive)'.


Francesco Ciriello on 'Modelling requirements for automating a life-cycle assessment (LCA) from a computer-aided design (CAD) model and enhance feedback for designers'.

Sofia Meacham on 'Evaluation of domain-specific languages for Chronic Kidney Disease (CKD)'.

Antonio Bucchiarone on "'PapyGame" Learning Material Definition and Sharing Components'.

Artur Boronat on 'develop learning resources on model transformation languages that could complement the MDENet education platform'.

Sripad Sahu on 'Factory Digital Twinning with Model-driven Engineering Methodology'.



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