

MDENet 3rd Annual Symposium December 2023

Welcome!

05 and 06 December 2023

Thank you to our community!



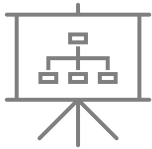
516 members



3 working groups
with regular activity



Driving Future Research



44 research
demonstrations
across 23 online
workshops



5 thematic
workshops



13 seedcorn projects
5 commissioning projects
1 dissemination project



Training the IT Industry



17 online
training sessions



8 learning
resources



16 Teaching Modelling /
Modelling Teaching sessions



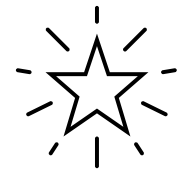
MDENet
Education
Platform



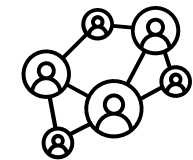
Building the MDE Brand



3 Annual Symposia



5 success stories
SciCo special issue



MDENet International

Future of the network

Original EPSRC grant ends December 2023

- We have received an extension until mid-2024

MDENet International: international.mde-network.org/

- Federation of networking activities across Europe and beyond
- Working towards different activities
 - Paris workshop December 15
 - Whitepaper on new modelling challenges
 - National and international funding
 - ...
- Speak to me if you want to contribute!



MDENet Education Platform



Link to competition →
← Link to platform

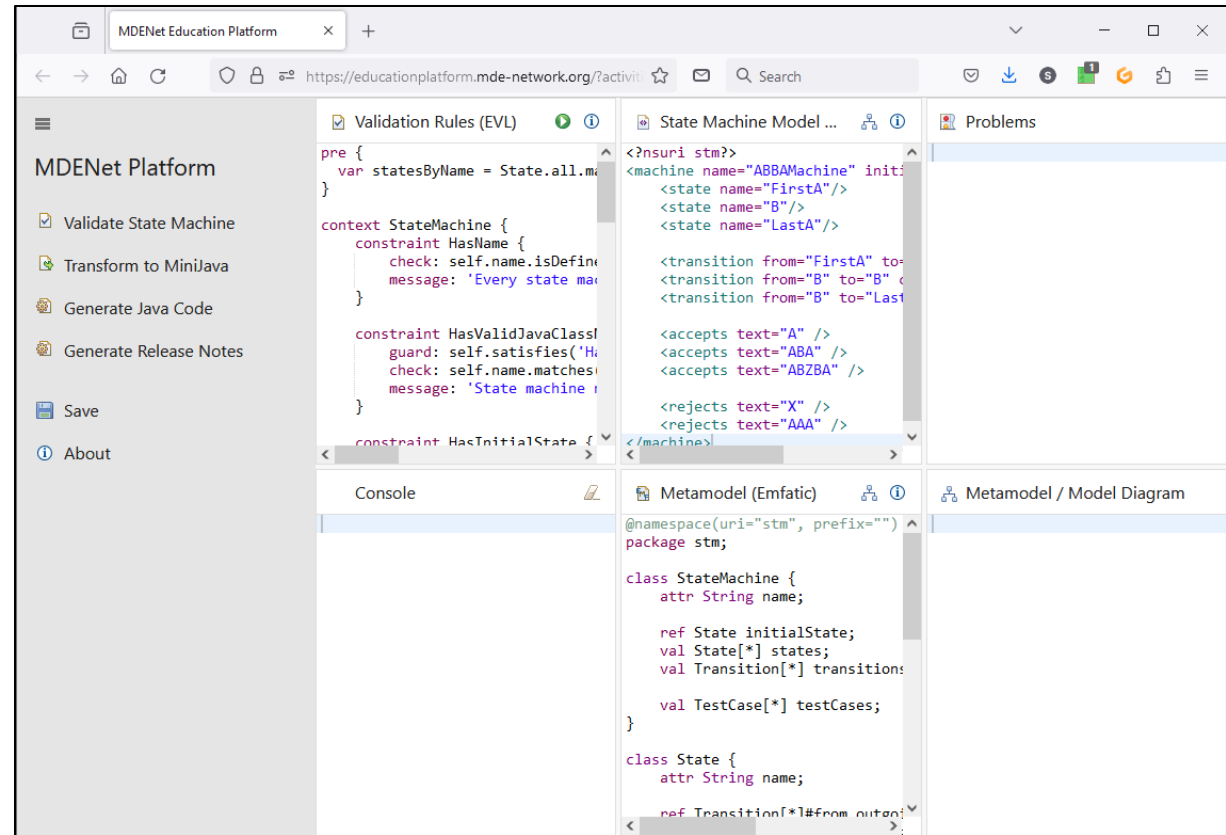


Web-based platform for experimenting with MDE

- Try it today during the tutorial

Everyone can contribute learning activities

- Submit yours to the **MDENet Education Competition**
- Scan the QR code to learn more
- DL: **29 March 2024**



Success Stories

New Special Issue in Science of Computer Programming

- 6 Success Stories on Model-Driven Engineering
- Thanks to co-editors Richard Paige and Paula Muñoz
- Available now, also via the QR code below

5 more directly on the MDENet website



The Annual Symposium

We have an exciting and packed programme:

- 2 keynote speakers from industry and academia
- 1 tutorial
- Session on Digital Twins
- 10 seedcorn project talks
- 9 talks on a broad range of MDE-related topics

All the details

- On the MDENet website: mde-network.com/annual-symposium-2023

Programme

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!

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

Thank you...

Nuno Ferreira da Silva

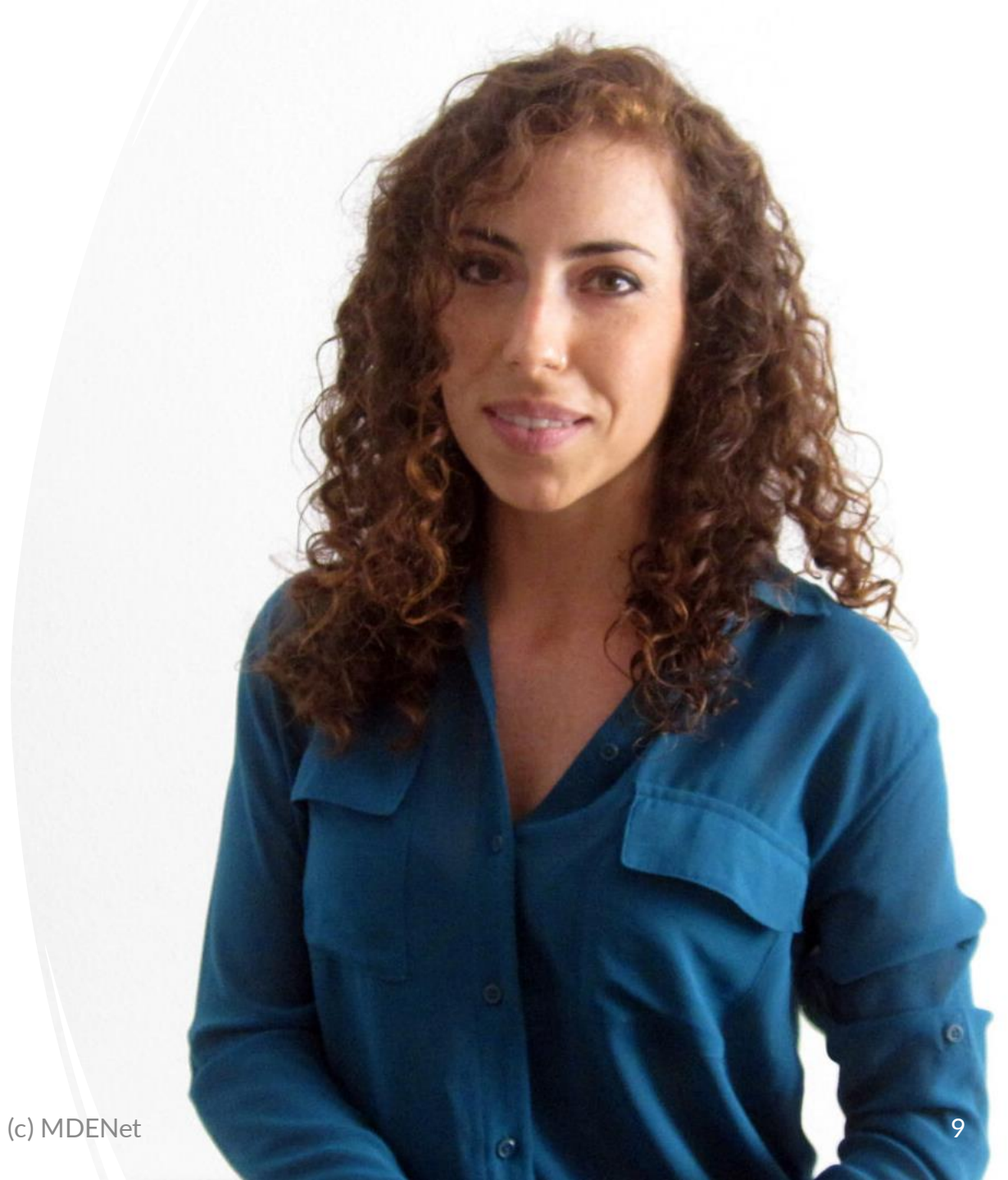


Keynote: Lola Burgueno

**Revolutionising Model
Development with
Large Language
Models**

05 & 06 Dec 2023

(c) MDENet



Keynote: 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

