



SEPTEMBER 9-10 2024

# SMARTEST 1st Project Meeting

CUMO, NOTO, SICILY

## September 9

9:00 Coffee break

9:45 Welcoming

10:00 **INVITED TALK – Balbir Barn:** *On Methodological Research Challenges for Sociotechnical Digital Twin Design for Public Policy*

11:00 Coffee break

### FIRST SESSION, UniMi Unit

11:30 **Giuseppe Primiero:**  
*Trustworthy Copies of Non-deterministic Computations*

12:30 **Alessandro Buda:**  
*Generative AI Mitigation for Ethical and Responsible Algorithms*

13:30 Lunch

15:00 **INVITED TALK – Vania Dimitrova:**  
*Developing City Infrastructure Ontologies to Support Complex Decision Making*

16:00 Coffee break

### SECOND SESSION, CNR Trento Unit

16:30 **Roberta Ferrario:**  
*Foundational Issues for an Ontology of Digital Twin*

17:30 **Luca Biccheri:**  
*Digital Twins for Human-Robot Interaction: Towards an Integrated Socio-technical Knowledge System*

20:00 Social Dinner at Casa Modica restaurant, Noto

## September 10

9:00 Coffee break

10:00 **INVITED TALK – John Symons:**  
*Domain Specific Machine Learning for Inquiry*

11:00 Coffee break

### THIRD SESSION, UniMe Unit

11:30 **Nicola Angius:**  
*The Simulative Role of Neural Language Models in Brain Language Processing*

12:30 **Lucia Guerrisi:**  
*Deep Learning in Simulative Sciences. The case of the Met-Net2 model*

13:30 Lunch

### FOURTH SESSION, UniMe Unit

15:00 **Pietro Perconti:**  
*Replicating Twin Minds and Machine Psychology*

16:00 Coffee break

16:30 **Alessio Plebe:**  
*Determinism in Neural Language Models*



Finanziato dall'Unione europea  
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