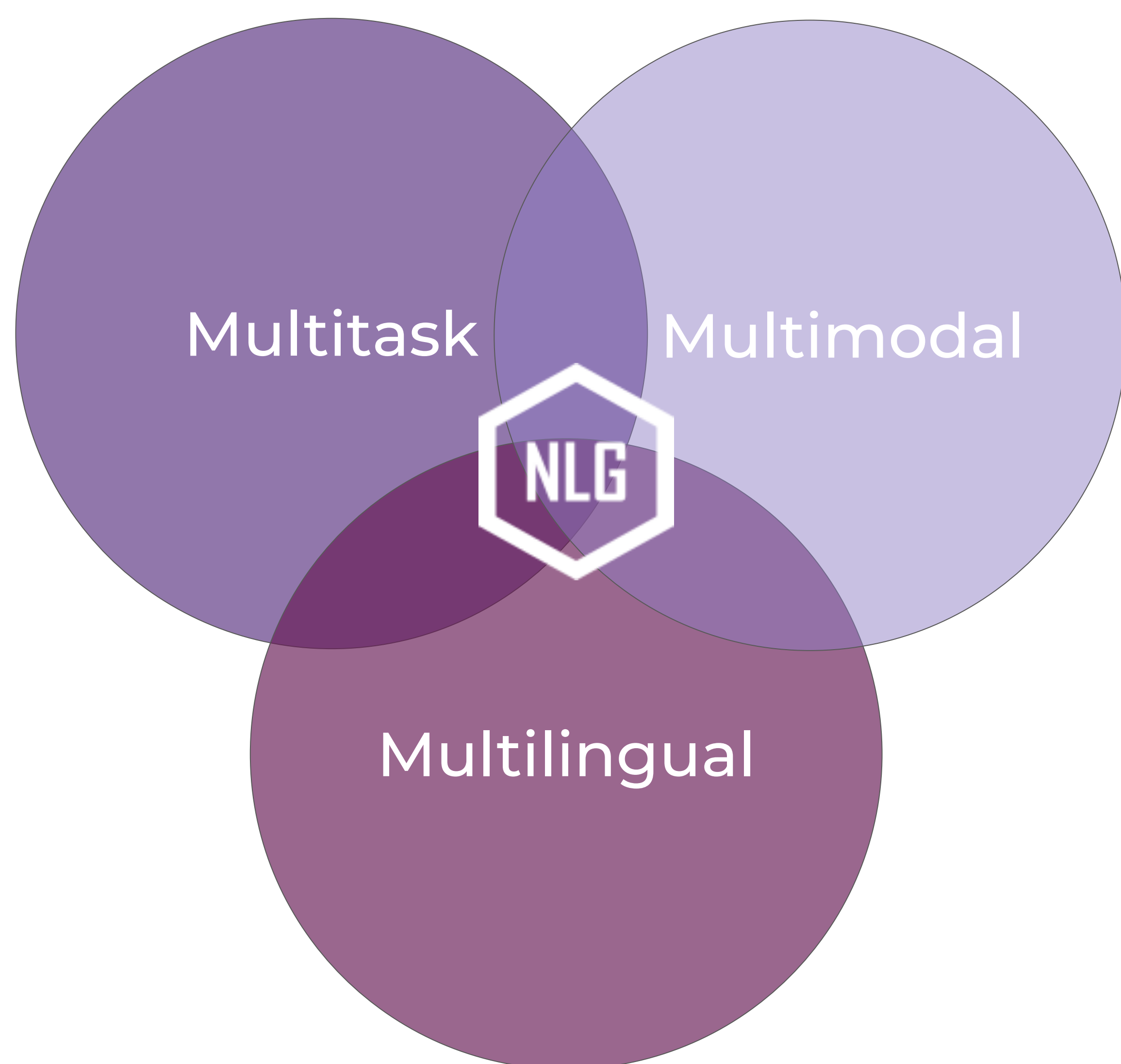


Anabela Barreiro, José G.C. de Souza, Albert Gatt, Mehul Bhatt
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Irene Russo, Fabio Kepler, Iacer Calixto, Marcin Paprzycki
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COST

COST Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers

What

Multi3Generation fosters the development of a network of researchers and technologists across interdisciplinary fields working on topics related to language generation (LG)

How

Joint Publications

Training Schools

Training school on Representation Mediated Multimodality

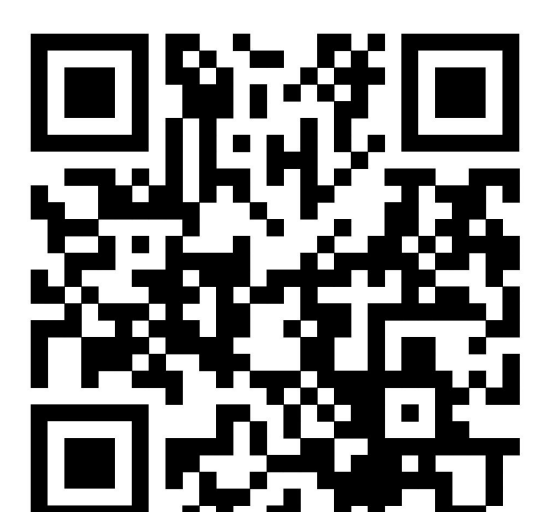
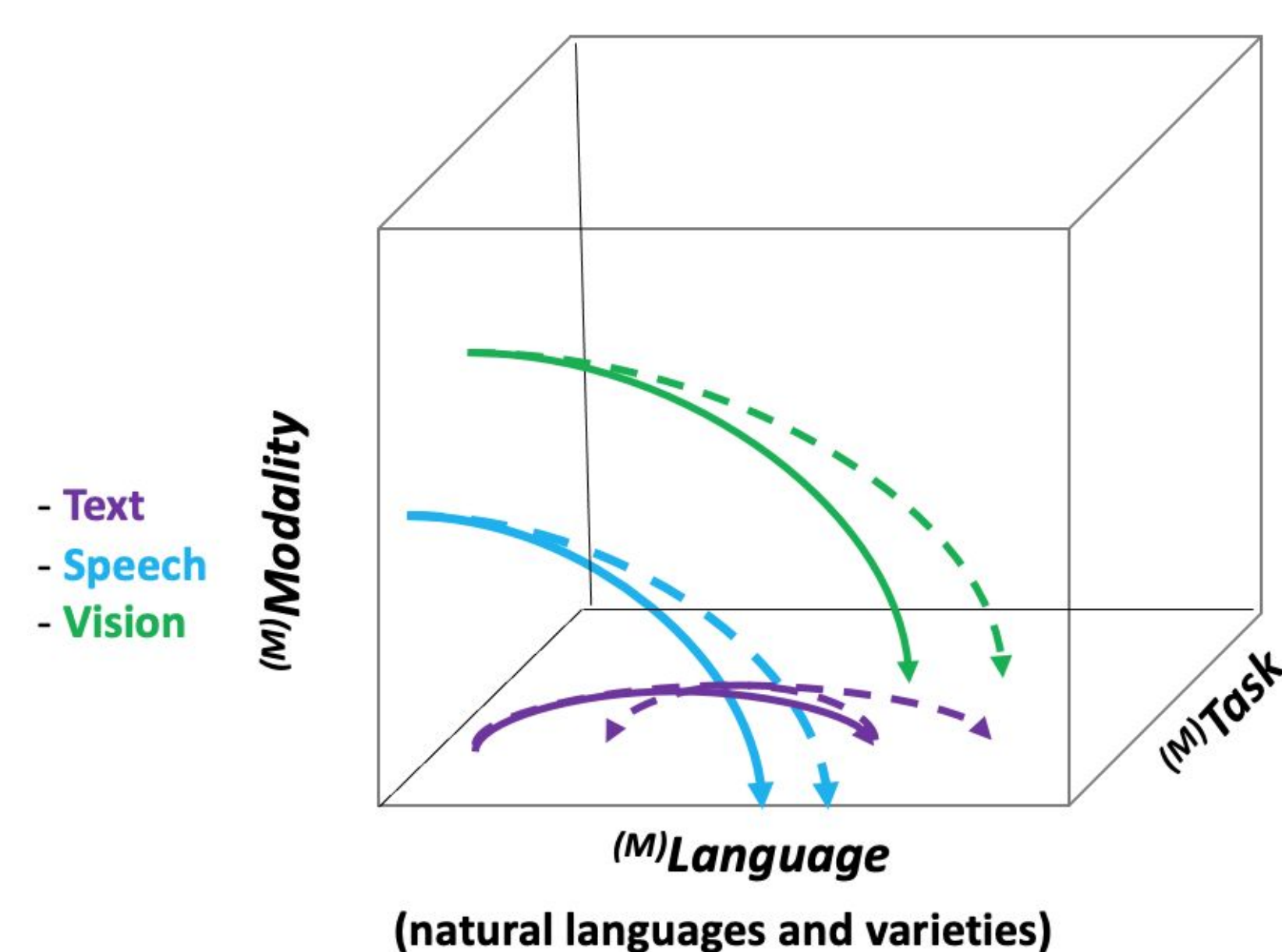
Training school on Creative Natural Language Generation



Grants for young researchers

Short Term Scientific Missions (STSMs)

Multi³(Natural Language) Generation



- Recognize and transcribe speech (ASR)
- Translate from one language to another (MT)
- Describe, ask or answer questions or converse about visual objects (Captioning, VQA, Visual Dialogue, ...)

Picture taken from Erdem et al. "Neural Natural Language Generation: A Survey on Multilinguality, Multimodality, Controllability and Learning" Journal of Artificial Intelligence Research 73 (2022) 1131-1207

Themes

Grounded multimodal reasoning and generation

Efficient ML algorithms, methods, and applications to language generation

Dialogue, interaction, and conversational language generation applications

Knowledge bases and language resources for multimodal NLG tasks



Funded by
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