

Dagstuhl Seminar (26153)					
Modern Knowledge Representation and Robotics: State-of-the-Art and Challenges					
	07-04-2026	08-04-2026	09-04-2026	10-04-2026	
DAY		Day 1 : The State of the Art	Day 2 : The Challenges Ahead	Day 3 : The Road Forward	
Chair		Ilaria	Alberto	Philipp/Michael	
09:00 - 09:15		Coffee + Networking	Coffee + Networking	Coffee + Networking	
09:15 - 10:00		Welcome Welcome by organisers Informations about Dagstuhl (4')	3 x Breakout rooms/1 Pointers: What things should be done/explored? Why it is important? How could I contribute? (~45 min)	Breakout rooms Pointers: Which open challenges are there? How to design a roadmap to address them? Who wants to be part of the writing team? (~30 mins)	
10:00 - 11:00		Introductions Round of introductions (in pairs, each one present another persons). 1 slide person available on drive	Collect thoughts to report back (~15 min)	Collect thoughts to report back	
11:00 - 11:30		Talk 1 AI&Robotics: (30mins) Alessandra Sciutti IIT	Plenary Session: - Report back - Decide/refine what challenges will be in the joint paper (map to proposal challenges?) <i>Notetaker: tbd</i>	Roadmap Development & Closing - Writing Team/Venue/Timeline for roadmap - Discussing Calls - Dagstuhl Report Writing (collection of abstracts) - <i>Notetaker</i> : tbd	
11:30- 12:00		Talk 2 KGs & Agents: (30mins) Valentina Tamma (ULiv)			
12:00 - 13:00			Lunch break	Lunch break	Lunch break
13:00 - 14:00					
14:00 - 15:00			3 x Breakout rooms/1 Per KR dimension Pointers: What resources are available? (~45 min) Collect thoughts to report back (~15 min) : discuss abstract, choose responsible person	3 x Breakout rooms/2 Pointers: What do we need to demonstrate? Scenarios, Benchmarks , etc (~45min) Collect thoughts to report back (~15 min) : discuss abstract, choose responsible person	

15:00 - 15:30		Coffee break	Coffee break	
15:30 - 16:30	Arrival	3 x Breakout rooms/2 Pointers : What is missing? Why is it hard? (~45 min)	3 x Breakout rooms/3 Pointers : how to measure progress? (~45 mins)	
16:30 - 17:30		Collect thoughts to report back (~15 min) : discuss abstract, choose responsible person	Collect thoughts to report back (~15 min) : discuss abstract, choose responsible person	
17:30 - 18:00	Ice-breaking prep	Plenary Session: - Report back - Draft bullets points on joint paper - Map/refine the proposal challenges <i>Notetaker: tbd</i>	Plenary Session: - Report back - refine measures / roadmap ahead - Draft bullets points on joint paper <i>Notetaker: tbd</i>	
18:00 - 20:00		Dinner	Dinner	Dinner
20:00 - 22:00	Ice-breaking prep	drinks		
Daily Goal		<i>list of SoTA methods/resources + list of limitations / challenges</i>	<i>Refine challenges Roadmapping (directions to go)</i>	<i>Paper roadmap, writing team, potential calls</i>
<i>Comments</i>	<i>max 6 people per group, OK to double groups if necessary</i>			