AI in Robotics

Winter

(in German: AI in Robotics)

Module-ID: FIN-INF-120539

Abbreviation	Credit Points	Semester	Term	Duration	Language	Level
AIR	6	Winter	1.	1 Semester	english	Master

Link:	LSF
Limited accessability:	true
Responsibility:	Frank Ortmeier
Lecturer:	Theo Langer, Alif Nafih Pullani
Classes:	Seminar *AI in Robotics*
Applicability in curriculum:	- M.Sc. INF: Informatik - M.Sc. INGINF: Informatik - M.Sc. INGINF: Ingenieurinformatik - M.Sc. WIF: Informatik - M.Sc. DKE: Applied Data Science - M.Sc. DE: Methoden des Digital Engineering - M.Sc. DE: Methoden der Informatik - M.Sc. DE: Fachliche Spezialisierung - M.Sc. VC: Computer Science

Intended learning outcomes:
Gain a comprehensive understanding of state-of-the-art methods for applying AI in robotics.

Content:
Read and analyze a scientific paper, reproduce its results, and implement a new idea, or an alternative approach. Clearly explain the chosen add-on and critically discuss the obtained additional results.

Workload:
28 h attendance
152 h self study (includes Term paper)

Pre-examination requirements:	Type of examination:	Teaching method / lecture hours per week (SWS):
	Term paper	Seminar (2 SWS)

Prerequisites according to examination regulations:	Recommended prerequisites:
keine	Software Development for Industrial Robotics

Media:	Literature:

Comments:

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