Seminar Computational Intelligence

Summer

(in German: Seminar Computational Intelligence)

Module-ID: FIN-INF-999966

Abbreviation	Credit Points	Semester	Term	Duration	Language	Level
SCI	6	Summer	starting at 1.	1 Semester	english	Master

Link:	LSF
Limited accessability:	
Responsibility:	Sanaz Mostaghim
Lecturer:	Sanaz Mostaghim
Classes:	'- Seminar Computational Intelligence
Applicability in curriculum:	- M.Sc. INF: Informatik - M.Sc. INGINF: Informatik - M.Sc. WIF: Informatik - M.Sc. DKE: Learning Methods and Models for Data Science - M.Sc. DE: Methoden der Informatik - M.Sc. VC: Computer Science

Intended learning outcomes:
Constructive Alignment-konform zu überarbeiten

Content:
Computational Intelligence Machine Learning Methods of Robotik Evolutionary Algorithms Multi-agent Scenarios and Systems Optimization Algorithms

Workload:
Lecture Time: 2 Hours per Week: Seminar Individual Work Time 160h: Reading and Understanding of Provided Papers Research of Additional Papers Writing Presentation

Pre-examination requirements:	Type of examination:	Teaching method / lecture hours per week (SWS):
	Cumulative Examination as „oral presentation“ consisting of: Discussion Presentation Written Article	Cumulative Examination as „oral presentation“ consisting of: Discussion Presentation Written Article

Prerequisites according to examination regulations:	Recommended prerequisites:
keine	Students should have basic knowledge from the area of computational intelligence, like for instance Intelligent Systems, Machine Learning, Evolutionary Algorithms, Swarm Intelligence, Multi-objective Optimization.

Media:	Literature:
Introductory Lectures, Student Presentations	Will be announced in the beginning of the lecture.

Comments:

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