Module title			Abbreviation
xtAI Lab 3			10-xtAI=L3-202-m01

Module coordinator	Module offered by
Dean of Studies Informatik (Computer Science)	Institute of Computer Science

ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--

Duration	Module level	Other prerequisites
1 semester	graduate	--

Contents

In the XtAI courses, basic aspects and competences are taught, which the students can comprehend in the corresponding exercises. In the XtAI Lab3 these different competences and aspects are integrated to develop a comprehensive XtAI application on their own. As in the XtAI Lab1 and 2, the projects are worked on in groups. Depending on the students' interests, highly specialized and innovative applications from the XtAI field can be developed. Lectures and exercises consolidate the necessary theoretical concepts or practical skills.

Intended learning outcomes

At the end of the XtAI Lab3, students have a deeper understanding of the architectures of XtAI applications and the interaction of the individual components and solutions. In particular, students are able to design extensive XtAI projects and make complex modifications to AI models.

Courses (type, number of weekly contact hours, language — if other than German)

R (6)
Module taught in: English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Project work: report (approx. 20 pages) with presentation (30 to 45 minutes) and subsequent discussion on the topic
Language of assessment: English
creditable for bonus

Allocation of places

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Additional information

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Workload

300 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module appears in

Master's degree (1 major) eXtended Artificial Intelligence (xtAI) (2020)