technische universität dortmund

WiWi Fakultät Wirtschaftswissenschaften

Semester:	**Wintersemester 2022/2023**
Professur:	**Business & Information Systems Engineering**

<u>Studiengang:</u>	Bachelor Wirtschaftswissenschaften
<u>Modul:</u>	11
<u>(Ober-)Thema:</u>	Advances in Interactive Intelligent Systems
<u>Veranstaltungsart:</u>	☐ Übung ☒ Seminar ☐ Projektseminar Master
<u>Credits:</u>	5

<u>Anzahl der Plätze:</u>	20
<u>Anrechenbar für:</u>	Modul 11: Wissenstransfer
<u>Voraussetzungen:</u>	
formal:	
bisherige Kenntnisse:	Command of English
besuchte Veranstaltungen:	Modul 11: Übung „Wissenschaftliches Arbeiten"

<u>Anmeldeformalitäten:</u>

☒ Bewerbung
Zeitraum: 04.07. - 08.07.2022 (until 12.00)
EMail an mario.nadj@kit.edu

☒ Vergabe der Themen:
Termin: Seminar Kick-off (see below)
Ort: SRG 2.028 Seminarraumgebäude)

Anmerkungen:	Students have to write a seminar thesis (15-20 pages excluding references) and dicuss their results in form of a presentation (both in English). Students have the opportunity to apply for the seminar by email (see above). In doing so, the students have to attach their application documents (i.e., curriculum vitae and transcript of records) to their email. Seminar Kick-off: Thursday 20.10.2022 (10:00-12:00,SRG 2.028) Thesis Submission: Monday 23.01.2023 (until 23:59) Thesis Presentation: Thursday 26.01.2023 (10:00-12:00, SRG 2.028)
Weitere Informationen:	Interactive Intelligent Systems are systems created for interaction between people and their environment using digital technologies and are becoming increasingly popular. For example, crowdsourcing systems are equipped with intelligence to collaborate with human workers and enable them to conduct various repetitive and monotonous tasks more effectively. Wearable devices, in turn, may track the physiological activity of an organization's workforce to support their well-being and job performance. Moreover, guidance

systems can help employees make business decisions, solve problems, and perform tasks by offering suggestions and information. However, the design and development of Interactive Intelligent Systems are difficult to realize due to people's different skills, preferences, and human limitations. With this in mind, this seminar will explore how novel interactive systems can intelligently deal with different challenges and constraints that humans have previously faced. The seminar is designed to give students the opportunity to work scientifically on current topics in the field of Interactive Intelligent Systems by focusing on cutting-edge research in this field. Hereby, students have to carry out a structured literature analysis.

Leistungen:

Angaben zur Prüfung entnehmen Sie bitte dem **Modulhandbuch** des jeweiligen Studiengangs.