inf598 - Current Topics in 'Computational Intelligence' I

Module label          Current Topics in 'Computational Intelligence' I
Module code           inf598
Credit points         3.0 KP
Workload              90 h
Used in course of study
• Master's Programme Computing Science > Angewandte Informatik
Contact person
Module responsibility
• Oliver Kramer
• Die im Modul Lehrenden
Authorized examiners
• Oliver Kramer
• Die im Modul Lehrenden

Entry requirements
Skills to be acquired in this module
This module integrates current developments in the field in adequate study courses.

Professional competences
The students:

• define and contrast a computer science part, in which they are specialised, in detail or evaluate computer science in general
• recognise and evaluate applied techniques and methods of their subject and are aware of their limits
• identify, structure and solve problems/tasks, also in new or developing subject areas
• apply state of the art and innovative methods to solve problems, if necessary from other disciplines
• are aware of the current limits and contribute to the development of computer science research and technology
• discuss and evaluate recent computer science developments

Methodological competences
The students:

• examine tasks with technical and research literature, write an academic article and present their solutions academically
• evaluate problems/tasks, including new or developing subject areas of their discipline and apply computer science methods for solutions and research
• schedule time processes and resources

Social competences
The students:

• communicate with users and experts convincingly

Self-competences
The students:

• pursue the overall and special computer science development critically
• develop and reflect self-developed hypotheses to theories independently

Module contents
Reader's advisory
Links
Language of instruction
German
Duration (semesters)
1 Semester
Module frequency
unregelmäßig
Module capacity
unlimited
Modullevel
AS (Akzentsetzung / Accentuation)
Modulart
je nach Studiengang Pflicht oder Wahlpflicht
Lern-/Lehrform / Type of program
S or V

Language of instruction
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Module frequency
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Module capacity
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Modullevel
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Lern-/Lehrform / Type of program
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<th>Vorkenntnisse / Previous knowledge</th>
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