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
See assigned course description
Reader's advisory
As announced in course
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
### Vorkenntnisse / Previous knowledge

<table>
<thead>
<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final exam of module</td>
<td>At the end of the lecture period</td>
<td>Presentation or oral exam</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course type</th>
<th>SWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>2.00</td>
</tr>
<tr>
<td>Workload attendance</td>
<td>28 h</td>
</tr>
</tbody>
</table>