inf482 - Current Topics in 'Parallel Systems' I

Module label
Current Topics in 'Parallel Systems' I
Module code
inf482
Credit points
3.0 KP
Workload
90 h
Used in course of study
- Master's Programme Computing Science > Theoretische Informatik

Module responsibility
- Eike Best
- Die im Modul Lehrenden

Authorized examiners
- Eike Best
- Die im Modul Lehrenden

Entry requirements
This module integrates current developments in the field in adequate study courses.

Skills to be acquired in this module

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
unregelmäßige
Module capacity
unlimited
Modullevel
AC (Aufbaucurriculum / Composition)
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></th>
<th>Course or seminar</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWS</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>SuSe or WiSe</td>
<td></td>
</tr>
<tr>
<td>Workload attendance</td>
<td>28 h</td>
<td></td>
</tr>
</tbody>
</table>