inf367 - Spezielle Themen aus dem Gebiet "Mikrorobotik und Regelungstechnik" II

Module label: Spezielle Themen aus dem Gebiet "Mikrorobotik und Regelungstechnik" II
Module code: inf367
Credit points: 6.0 KP
Workload: 180 h

Used in course of study:
- Master's Programme Computing Science > Technische Informatik
- Master's Programme Embedded Systems and Microrobotics > Akzentsetzungsmodulle

Contact person:
Module responsibility
- Andreas Hein
- Sergei Fatikow
- Die im Modul Lehrenden

Authorized examiners
- Andreas Hein
- Sergei Fatikow
- Die im Modul Lehrenden

Entry requirements:

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:
- evaluate and apply tools, technology and methods sophisticatedly
- combine new and original approaches and methods creatively
- evaluate problems/tasks, including new or developing subject areas of their discipline and apply computer science methods for solutions and research

Social competences
The students:
- support team process by their abilities

Self-competences
The students:
- pursue the overall and special computer science development critically
- implement innovative professional activities effectively and 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**  
2 courses out of V, S, Ü, P, PR

**Vorkenntnisse / Previous knowledge**

<table>
<thead>
<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
<th>Course type</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final exam of module</td>
<td>The exam period will be announced during the course</td>
<td>Portfolio or presentation or oral exam</td>
<td>Course selection</td>
<td>2.00</td>
<td>SuSe or WiSe</td>
<td>28 h</td>
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</tbody>
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2 / 2