inf585 - Special Topics in 'Energy Informatics' II

Module label: Special Topics in 'Energy Informatics' II
Module code: inf585
Credit points: 6.0 KP
Workload: 180 h
Used in course of study: Master's Programme Computing Science > Angewandte Informatik
Contact person: Module responsibility
  - Sebastian Lehnhoff
  - Die im Modul Lehrenden
Authorized examiners
  - Sebastian Lehnhoff
  - 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)
Modular
je nach Studiengang Pflicht oder Wahlpflicht
Lern-/Lehrform / Type of program
2 courses out of V, S, Ü, P, PR
Vorkenntnisse / Previous knowledge
<table>
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<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
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<td>Final exam of module</td>
<td>At the end of the lecture period</td>
<td>Portfolio or presentation or oral exam</td>
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**Course type**: Course selection

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