<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Introduction</td>
</tr>
</tbody>
</table>
| 9:10  | **Title: Implementation of a Testbed for a Pervasive Classroom Middleware** | Responsible person: Jens Naber  
Language: Englisch  
Duration: 2 semesters  
Min/max number of participants: 4-6  
Prerequisites: programming in Java, knowledge in Android programming is a plus  
Applicable to MMDS: no |
| 9:15  | **Title: BUS4.0 - Mastering the 4th Industrial Revolution** | Responsible person: Fabian Burzlaff  
Language: German (English on demand)  
Duration: 1 semester  
Min/max number of participants: 3-8  
Prerequisites: experience in a Version Control System (e.g. Git, SVN, Mercurial...)  
Applicable to MMDS: yes |
| 9:20  | **Title: Gamification and reward systems with Groovecat** | Responsible person: Joshua Weikert, Prof. Dr. Heiner Stuckenschmidt  
Language: German (English on demand)  
Duration: 1 semester  
Min/max number of participants: 3-4  
Prerequisites: basic knowledge about gamification and reward systems in general.  
Applicable to MMDS: yes |
| 9:25  | **Title: sengaa - Entwicklung eines Customer Analytics Dashboards** | Responsible person: Khan Nguyen, Prof. Dr. Heiner Stuckenschmidt  
Language: German  
Duration: 2 semesters  
Min/max number of participants: 4-6  
Prerequisites: knowledge in HTML, JS, Ruby on Rails, Node JS, Android- & iOS-Entwicklung  
Applicable to MMDS: yes |
| 9:30  | **Title: Semantic Technologies in the Finance Industry** | Responsible person: Hermann Rapp  
Language: English (German on demand)  
Duration: 1 semester  
Min/max number of participants: 3-12  
Prerequisites: knowledge of the financial sector, if possible basics of semantic technologies, programming skills desirable  
Applicable to MMDS: no |
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Responsible person</th>
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<th>Duration</th>
<th>Min/max number of participants</th>
<th>Prerequisites</th>
<th>Applicable to MMDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:35</td>
<td>Title: Capitalism X: Developing a Business Simulation Game</td>
<td>Responsible person: Prof. Dr. Heiner Stuckenschmidt</td>
<td>German (English on demand)</td>
<td>2 semesters</td>
<td>3-8</td>
<td>business knowledge, significant expertise in computer gaming ;-)</td>
<td>no</td>
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<tr>
<td>9:40</td>
<td>Title: A Modern Cryptanalysis Framework Using Cryptool 2</td>
<td>Responsible person: Vasily Mikhalev</td>
<td>English</td>
<td>2 semesters</td>
<td>2-8</td>
<td>necessary: programming skills / recommended: Knowledge in cryptography</td>
<td>no</td>
</tr>
<tr>
<td>9:45</td>
<td>Title: Predicting Retail Shoppers' Behaviors</td>
<td>Responsible person: Dr. Tommi Kramer - Institut für Enterprise Systems (InES)</td>
<td>German (English on demand)</td>
<td>1 semester</td>
<td>6-10</td>
<td>Interest in Data and Programming (Python and Spark)</td>
<td>yes</td>
</tr>
<tr>
<td>9:50</td>
<td>Title: Innovative City Bikes - An SAP Leonardo IoT Project</td>
<td>Responsible person: Dr. Tommi Kramer - Institut für Enterprise Systems (InES)</td>
<td>German (English on demand)</td>
<td>1 semester</td>
<td>6-10</td>
<td>Interest in IoT, Programming, and Web Technologies</td>
<td>yes</td>
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<tr>
<td>9:55</td>
<td>Title: Open Information Extraction</td>
<td>Responsible person: Kiril Gashteovski, Rainer Gemulla</td>
<td>English</td>
<td>2 semesters</td>
<td>2-5</td>
<td>programming in Java, NLP is a plus</td>
<td>yes</td>
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<tr>
<td>10:00</td>
<td>Title: Semantic Relation Extraction and Classification in Scientific Papers</td>
<td>Responsible person: Anne Lauscher, Prof. Dr. Simone Paolo Ponzetto</td>
<td>English</td>
<td>1 semester</td>
<td>2-5</td>
<td>programming skills (Java or Python), NLP is a plus</td>
<td>yes</td>
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