EAM Miniprojekte – Announcement SS 2023
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School of Computation, Information and Technology (CIT)
Technical University of Munich (TUM)
www.matthes.in.tum.de

08.02.2023, Preliminary course meeting
# EAM Master Specialization

## Courses and Credits

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1.</td>
<td>SITM</td>
<td>3 ECTS</td>
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<td>2.</td>
<td>EAM Miniprojekte</td>
<td>5 ECTS</td>
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<td>3.</td>
<td>Guided Research</td>
<td>10 ECTS</td>
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<td>4.</td>
<td>Master Thesis</td>
<td>30 ECTS</td>
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EAM Miniprojekte Seminar

Learning objectives
- Applying acquired EAM knowledge in practice
- Assignments by experienced industry partners
- Independently creating a solution within the team
- Presenting the solution and writing a paper

Key facts
- Teams of 3-4 students construct a solution for a particular EAM case of an industry partner of the chair
- Duration: approx. 3 months
- Exam: Paper (max. 10 pages) and 2x presentations

Participation criteria
- Send your application documents (incl. name, matriculation number, CV, Transcript of Records, and motivation letter) via email to franziska.tobisch@tum.de until the 14.02.2023
- Register in the matching system until the 14.02.2023

Prerequisites
- Bachelor studies with a focus on IT and basic knowledge in software engineering
- Successful participation in SITM (IN2089/CIT4230000)

Preliminary course meeting
- 08.02.2022 from 13:00 to 13:30
- https://wwwmatthes.in.tum.de/pages/kce1r5g3o6o3/EAM-Miniprojekte
Selection of former topics and industry partners

Exemplary topics from past semesters

- Change Management for Cloud Transition
- Embodied Intelligence in Cross-Factory Logistics
- Visualization of Application Landscapes and Evaluation of Tools
- Design of an Agile Process for Target-and Roadmap-Development
Time schedule

**Note:** This is a **tentative** time schedule!

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.02.2023</td>
<td>Preliminary meeting</td>
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<tr>
<td>18.04.2023</td>
<td>Project presentation</td>
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<tr>
<td>16.06.2023</td>
<td>Intermediate presentations</td>
</tr>
<tr>
<td>21.07.2023</td>
<td>Final presentations</td>
</tr>
<tr>
<td>20.08.2023</td>
<td>Seminar paper submission</td>
</tr>
</tbody>
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*Mandatory attendance!*
M.Sc.  
Franziska Maria Tobisch  
franziska.tobisch@tum.de

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