

Praktikum

iPraktikum

Info Meeting



Matthias Linhuber



Patrick Bassner



Prof. Stephan Krusche



Why us?



Real clients



Real projects



Real problems



Real deadlines



Real data



Real delivery



Real teamwork



Real impact

This is a **challenging**, but **rewarding** course!

Our Philosophy

*“Tell me and I will forget.
Show me and I will remember.
Involve me and I will understand.
Step back and I will act.”*

(Chinese Proverb)

In this course, you will...



... develop a system in a mobile context for the iOS platform

This can include application servers, sensors, wearables, micro-controllers, etc.



... gain experience in an agile software project

Plan, design, implement, test, deliver using Gitlab, Confluence, Slack, Testflight



... regularly deliver your apps to the customer and users

Understand, prioritize, and implement feedback from customers and end users



... improve your soft skills and learn to talk about your work

Hold presentations, tell a story about your project in an engaging live demo

Our expectations



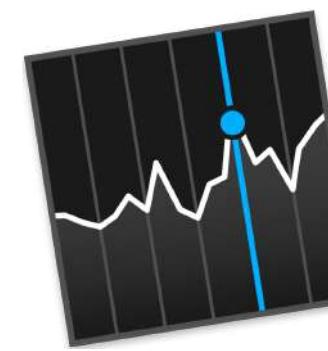
Knowledge in OO programming languages and paradigms, Dev Tools
Git, Swift, Java, C++, C#, ...



Basic skills in Modeling and Software Architecture
You understand e.g. UML Class and Component Diagrams



Willingness to work in a team
Real team work as well as communication with the customer.



High motivation and flexibility
Challenging tasks require attention and commitment beyond a normal lecture. This course is worth 10 ECTS, plan your time accordingly.

Schedule



Intro Course: October 07 - 15

Intensive on-site course before the beginning of the Praktikum
Introduction to Xcode, Swift, SwiftUI, git...



Kickoff: October 17, 5:00 pm

All customers present their problem statements

**In-person attendance is compulsory.
No excuses.**

Please make sure you can attend sessions full time (exception: repeat exams)



Design Review: December 12, 5:00 pm

Intermediate presentation of all projects with live demos and a buffet



Client Acceptance Test: February 6, 5:00 pm

Final presentations of all projects with live demos and a buffet

DPM

DPM

Matthias Linhuber Project Leader	Darius Augsburger	Keaton Nash	Krishna Mavani	Vladislavs Viktorovs	Customer
Benedikt Geisberger Coach	David Mang	Max Rosenblattl	Natalia Severynenko	Tilmann Walz Customer	

iPraktikum SS 23

Quartett

Quartett

Markus Paulsen Project Leader	Aleksandra Topalova	Dominik Fuchs	Lukas Metten	Customer
Stefan Heun Coach	Caner Ciboglu	Gereon Elvers	Yoonseon Seong	Ixhen Hasani Customer

Serapion

Serapion

Stephan Krusche Project Leader	Korbinian Weidinger Coach	Magnus Kühne	Jin Luo	Tim Bächle Customer	
Zeynep İyigür Co-Project Leader	Alia Erfan	Daniel Cantzler	Patrycja Slotosch	Yassine Souissi	Palle Klewitz Customer

msg

msg

Maximilian Sölich Project Leader	Carlos Garzon	Inosensius Alvian	Marlon Bucciarelli	Pascal Altenkamp	Chantal Selim Customer
Arpen Matinyan Coach	Carolina Kawabata	Manuel Tamayo	Mohamed Aziz Talbi		Marvin Scheit Customer

SAP

SAP

Matthias Linhuber Project Leader	Sophie Witt Coach	Chaehee Lee	Georg Habersack	Muhammed Enes Deniz	Nikolas Pietrek Customer
Robert Jandow Co-Project Leader	Anian Schleyer	Cornelius Weiss	João Paulo Caschera	Stephen Lukasewitz	Kristiyán Nachev Customer

Program Management

Prof. Plötz

Prof. Bernd Brügge Project Leader	Katjana Kosic Coach	Maria Pospelova	Kevin Marek Nöller	Hanseul Park	Prof. Werner Plötz Customer
Philip Zagar Co-Project Leader	Julian Kraus	Jorge Marin Ruiz	Salahuddin Sediqi		

BSH / B/S/H/

BSH / B/S/H/

Patrick Bassner Project Leader	Eylül Naz Can	Marc Beil	Simone Domenici	Vishaveet Ghora	Berkay Oglucan Tural Customer
Ramona Eckert Coach	Jonas Stich	Philipp Nagy	Timur Krüger		Tamara Fiedler Customer

RBG

RBG

Ruth Demmel Production	Andreas Jung Video	Felix Neumann Video	Martin Meir Audio	
Vincent Picking Technical Admin	Robert Jandow Technical Admin	Magnus Kühne Technical Admin	Colin Wilk Technical Admin	Timor Morrien Technical Admin
Ignacio Garcia Technical Admin				

Admins

ZEISS

Maximilian Sölich Project Leader	Erik Traise Coach	Huiyu Chu	Leon Graeb	Yuanyuan Yin
Anna Lottner Co-Project Leader	Dominik Michael Aulinger	Husein Jusic	Yiming Chen	Jonas Frenzel Customer

Project Lead (PhD Student)



Matthias Linhuber
Project Leader



Darius Augsburger



Keaton Nash



Krishna Mavani



Vladislavs Viktorovs



Tim Bodeit
Customer



Benedikt Geisberger
Coach



David Mang



Max Rosenblattl



Nataliia Severynenko



Tilmann Walz
Customer

Team Coach

Developer (Potentially You 😊)

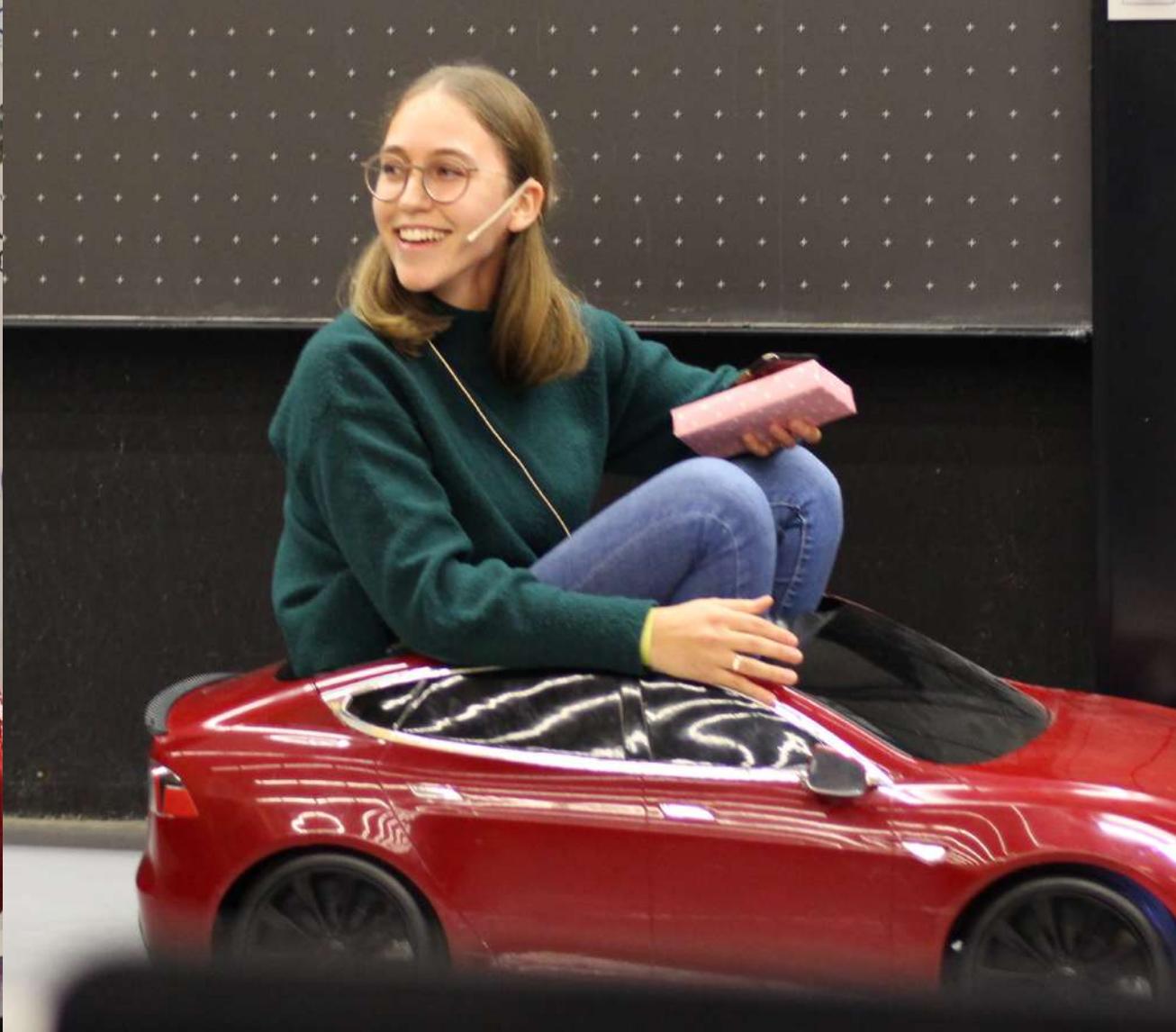
Customer

DPM











Application

1

Fill out the **application form** linked on ase.cit.tum.de/ios
Latest: July 16, 23:59 (Munich time)

2

Complete a small technical challenge on [Artemis](#)
(self-register for the course *iPraktikum Technical Challenge WS24/25*)
Latest: July 16, 23:59 (Munich time)

3

Prioritize **iPraktikum** in the matching system
Latest: July 16

Further Information

- Check our website: ase.cit.tum.de/ios
- Get an impression of the projects
 - Come to the **Client Acceptance Test on July 17**
 - Talk to the participants and customers
 - Watch the recordings of previous terms [on our website](#)
- For all other questions write an email to ios@in.tum.de



Questions?

ios@in.tum.de