

iPraktikum

Winter Semester 2023/24 - Info Meeting



Matthias Linhuber



Maximilian Sölch



Prof. Stephan Krusche

Why us?



Real clients

Real problems

Real data

Real teamwork

Real projects

Real deadlines

Real delivery

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 JIRA, Confluence, Bitbucket, Bamboo, Slack



... 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



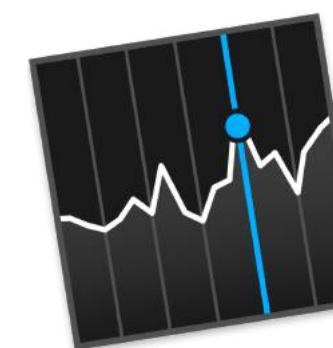
Knowledge in OO programming languages and paradigms, Dev Tools
Git, Swift, Java, C++, C#, ...



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: Oct 09 - Oct 17 (Homework due Oct 18)

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

In-person
attendance is
mandatory. No
excuses.



Kickoff: Oct 19, 5:00 pm

All customers present their problem statements

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



Design Review: Dec 14, 5:00 pm

Intermediate presentation of all projects with live demos and a buffet



Client Acceptance Test: Feb 08, 5:00 pm

Final presentations of all projects with live demos and a buffet

DPM

iPraktikum SS 23

Quartett

DPM

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

Quartett

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

Serapion

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

Program Management

Stephan Krusche	Matthias Linhuber	Maximilian Sölich	Philipp Zagar	
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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

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		

IABG

Patrick Bassner Project Leader	Armin Stantzik Coach	Ahmet Ibrahim Senturk	Indri Cali	Yassin El Gezawi	Martin Glas Customer
Léon Friedmann Co-Project Leader	Agata Andrysiak	Dennis Denk	Nicias Schümann	Sebastian Franz Customer	

BSH

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

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

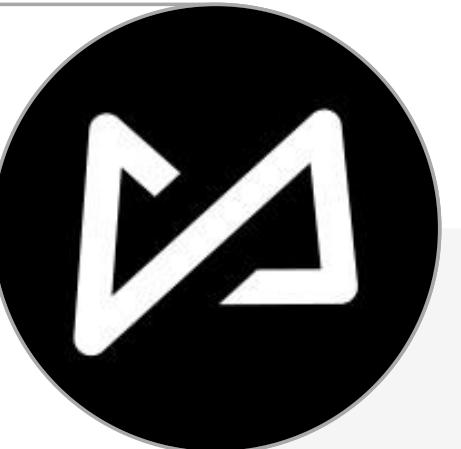
Admins

ZEISS

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

Project Lead (PhD Student)

DPM



Matthias Linhuber
Project Leader



Darius Augsburger



Keaton Nash



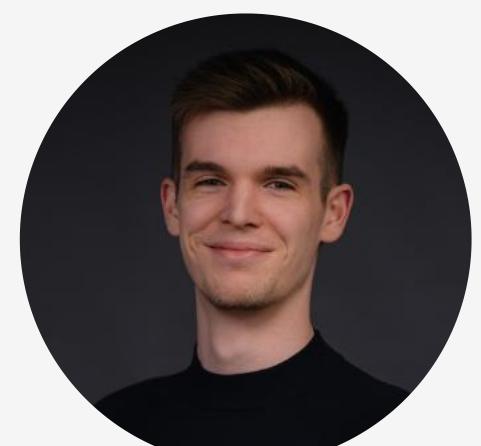
Krishna Mavani



Vladislavs Viktorovs



Tim Bodeit
Customer



Benedikt Geisberger
Coach



David Mang



Max Rosenblattl



Nataliia Severynenko



Tilmann Walz
Customer

Team Coach

Developer (Potentially You 😊)

Customer

Impressions



Application

1

Express your intention by filling out form at ase.cit.tum.de/ios
Latest: July 19, 11:59 pm (Munich time)

2

**Complete a small technical challenge on Artemis (self-register
for the course *iPraktikum Technical Challenge (WS2324)*)**
Latest: July 19, 11:59 pm (Munich time)

3

Log in to the matching system of the Informatics department
and make sure to give the iPraktikum your priority
Latest: July 19

Further Information

- Check our website: ase.cit.tum.de/ios
- Get an impression of the projects
 - Come to the **Client Acceptance Test** on the **19th of July, HS1**
 - 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