

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



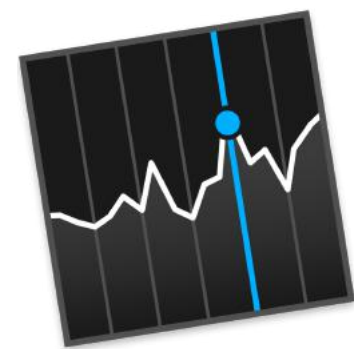
Knowledge in OO programming languages and paradigms, Dev Tools
Git, Swift, Java, C++, C#, ...



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.

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



Kickoff: Oct 19, 5:00 pm

All customers present their problem statements



Design Review: Dec 14, 5:00 pm

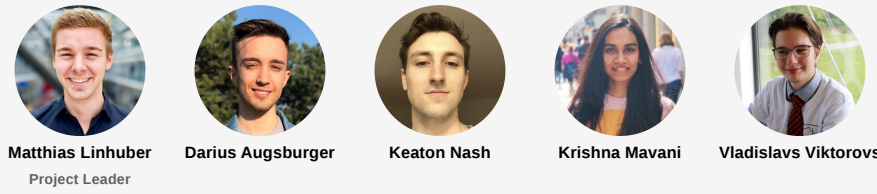
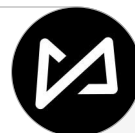
Intermediate presentation of all projects with live demos and a buffet



Client Acceptance Test: Feb 08, 5:00 pm

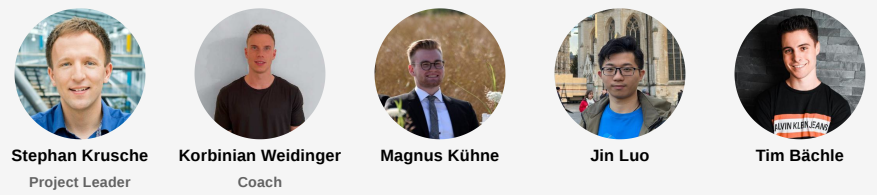
Final presentations of all projects with live demos and a buffet

DPM



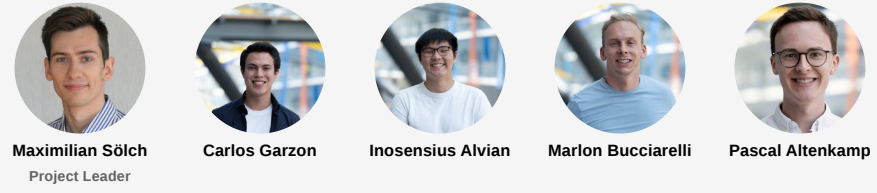
Matthias Linhuber Project Leader, Darius Augsburg, Keaton Nash, Krishna Mavani, Vladislavs Viktorovs, Tim Bodeit Customer, Benedikt Geisberger Coach, David Mang, Max Rosenblatt, Natalia Severynenko, Tilmann Walz Customer

Serapion



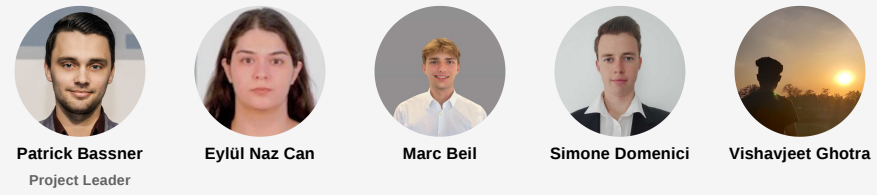
Stephan Krusche Project Leader, Korbinian Weidinger Coach, Magnus Kühne, Jin Luo, Tim Bächle, Zeynep Iyigörür Co-Project Leader, Alia Erfan, Daniel Cantzler, Patrycja Slotosch, Yassine Souissi, Palle Klewitz Customer

msg



Maximilian Sölch 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

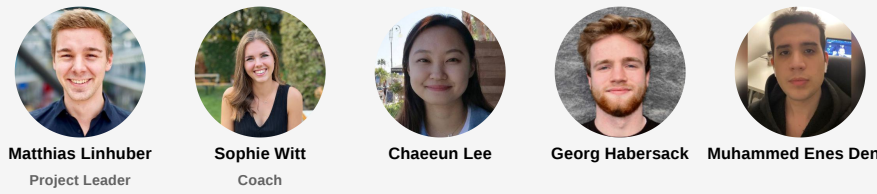
BSH



Patrick Bassner Project Leader, Eylül Naz Can, Marc Beil, Simone Domenici, Vishavjeet Ghotra, BerKay Ogulcan Tural Customer, Ramona Eckert Coach, Jonas Stich, Philipp Nagy, Timur Krüger, Tamara Fiedler Customer

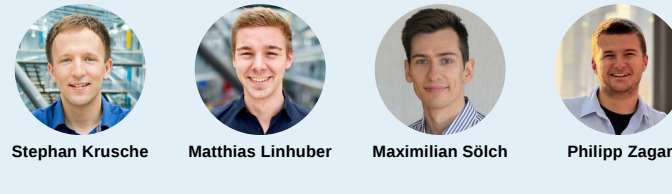
iPraktikum SS 23

SAP



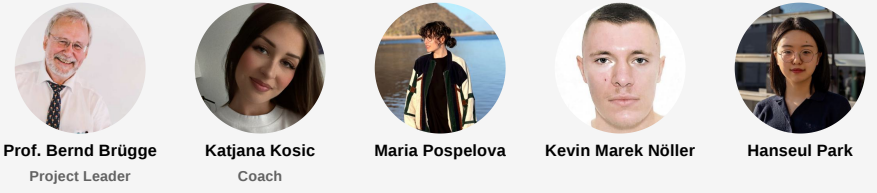
Matthias Linhuber Project Leader, Sophie Witt Coach, Chaeun Lee, Georg Habersack, Muhammed Enes Deniz, Robert Jandow Co-Project Leader, Anian Schleyer, Cornelius Weiss, João Paulo Caschera, Stephan Lukasewitz, Nikolas Pietrek Customer, Kristijan Nachev Customer

Program Management



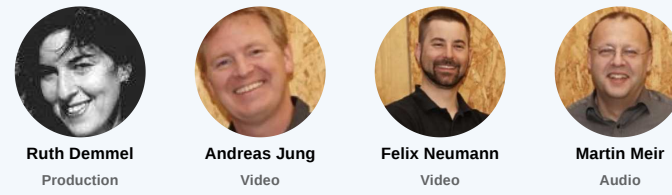
Stephan Krusche, Matthias Linhuber, Maximilian Sölch, Philipp Zagar

Prof. Plötz



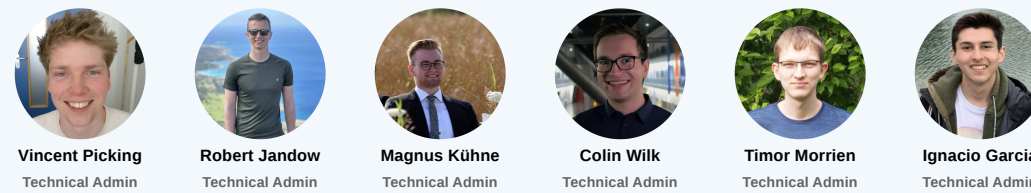
Prof. Bernd Brügge Project Leader, Katjana Kopic Coach, Maria Pospelova, Kevin Marek Nöller, Hanseul Park, Prof. Werner Plötz Customer, Philipp Zagar Co-Project Leader, Julian Kraus, Jorge Marin Ruiz, Salahuddin Sediqi

RBG



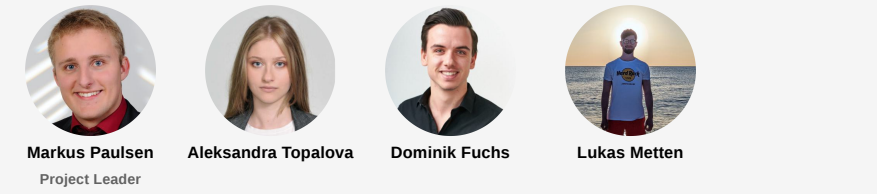
Ruth Demmel Production, Andreas Jung Video, Felix Neumann Video, Martin Meir Audio

Admins



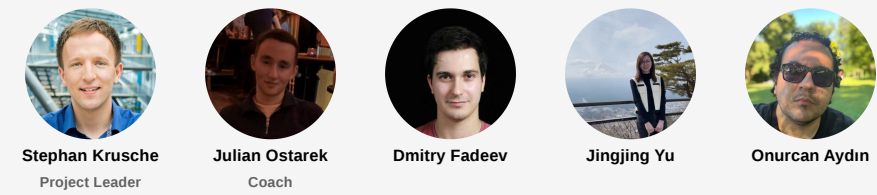
Vincent Picking Technical Admin, Robert Jandow Technical Admin, Magnus Kühne Technical Admin, Colin Wilk Technical Admin, Timor Morrien Technical Admin, Ignacio Garcia Technical Admin

Quartett



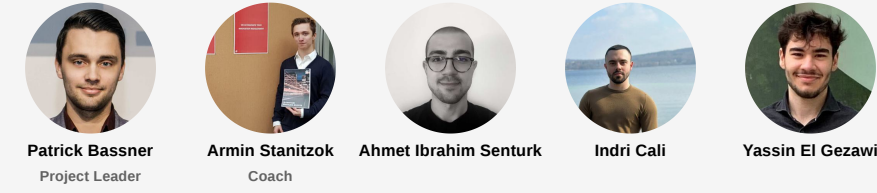
Markus Paulsen Project Leader, Aleksandra Topalova, Dominik Fuchs, Lukas Metten, Leon v. Tippelskirch Customer, Stefan Heun Coach, Caner Ciboglu, Gereon Elvers, Yoonseon Seong, Ixhen Hasani Customer

adesso / BMW



Stephan Krusche Project Leader, Julian Ostarek Coach, Dmitry Fadeev, Jingjing Yu, Onurcan Aydin, Thomas Frommann Customer, Valeria Andraichuk Co-Project Leader, Berke Keser, Iheb Ghanmi, Mateus Messias Mendes, Valentin Böhm, Volodymyr Kolibaba Customer

IABG



Patrick Bassner Project Leader, Armin Stanitzok Coach, Ahmet Ibrahim Senturk, Indri Cali, Yassin El Gezawi, Martin Glas Customer, Léon Friedmann Co-Project Leader, Agata Andrysiak, Dennis Denk, Niclas Schumann, Sebastian Franz Customer

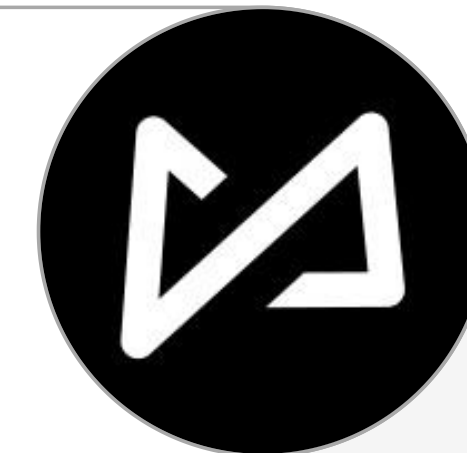
ZEISS



Maximilian Sölch 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



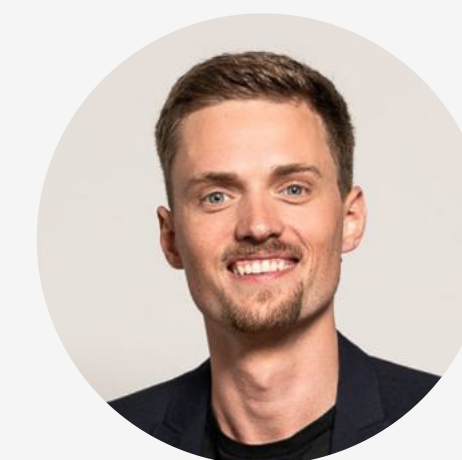
Keaton Nash



Krishna Mavani



Vladislavs Viktorovs



Tim Bodeit
Customer



Benedikt Geisberger
Coach



David Mang



Max Rosenblattl



Nataliia Severynenko



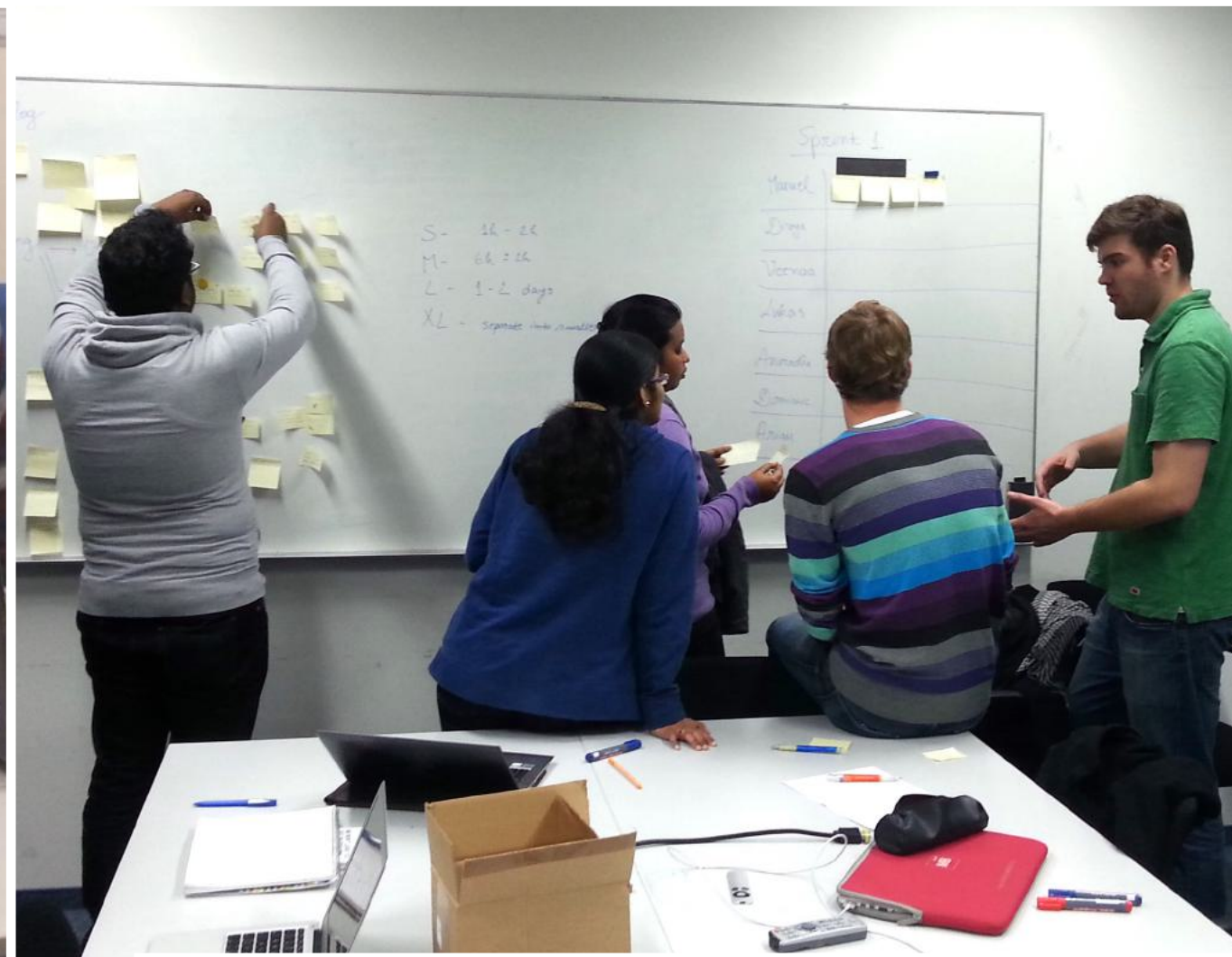
Tilmann Walz
Customer

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