

Praktikum

# iPraktikum

Info Meeting



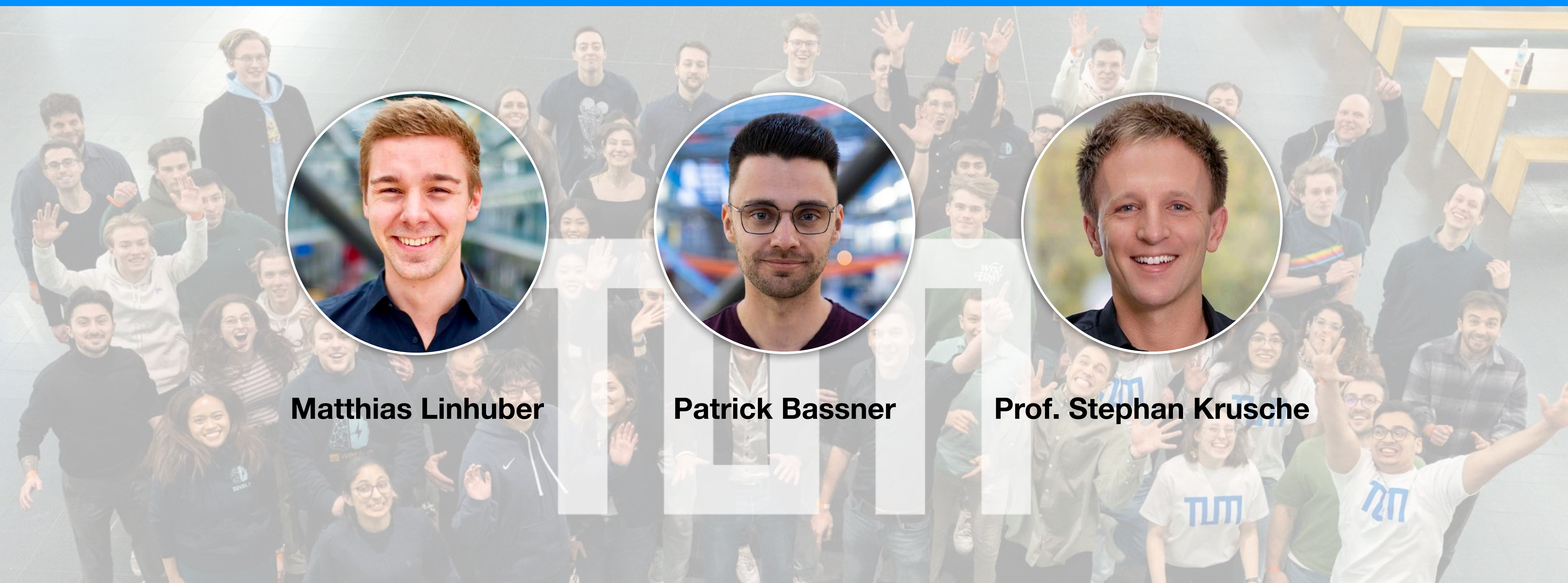
**Matthias Linhuber**



**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



## **Design Review: December 12, 5:00 pm**

Intermediate presentation of all projects with live demos and a buffet



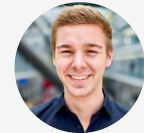
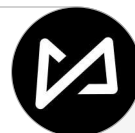
## **Client Acceptance Test: February 6, 5:00 pm**

Final presentations of all projects with live demos and a buffet

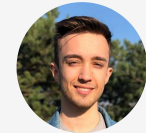
**In-person  
attendance is  
compulsory.  
No excuses.**

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

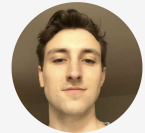
DPM



Matthias Linhuber  
Project Leader



Darius Augsburg



Keaton Nash



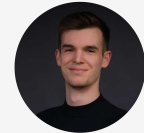
Krishna Mavani



Vladislavs Viktorovs



Tim Bodeit  
Customer



Benedikt Geisberger  
Coach



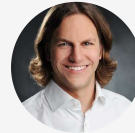
David Mang



Max Rosenblatt



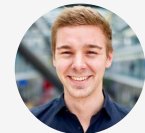
Natalia Severynenko



Tilmann Walz  
Customer

# iPraktikum SS 23

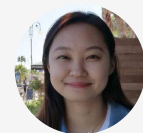
SAP



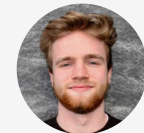
Matthias Linhuber  
Project Leader



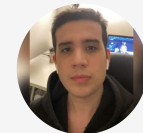
Sophie Witt  
Coach



Chaeun Lee



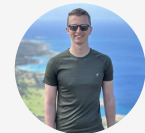
Georg Habersack



Muhammed Enes Deniz



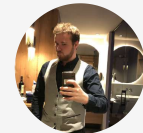
Nikolas Pietrek  
Customer



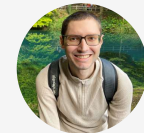
Robert Jandow  
Co-Project Leader



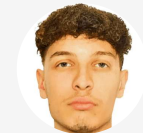
Anian Schleyer



Cornelius Weiss



João Paulo Caschera



Stephan Lukasewitz

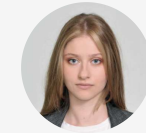


Kristijan Nachev  
Customer

Quartett



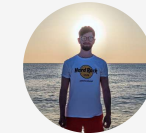
Markus Paulsen  
Project Leader



Aleksandra Topalova



Dominik Fuchs



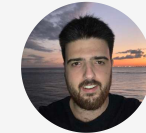
Lukas Metten



Leon v. Tippelskirch  
Customer



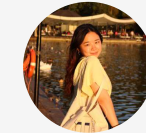
Stefan Heun  
Coach



Caner Ciboglu



Gereon Elvers



Yoonseon Seong

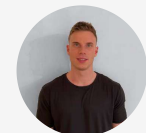


Ixhen Hasani  
Customer

Serapion



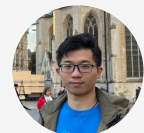
Stephan Krusche  
Project Leader



Korbinian Weidinger  
Coach



Magnus Kühne



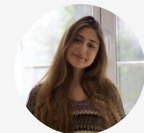
Jin Luo



Tim Bächle



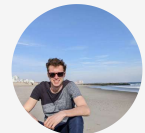
Dominic Henze  
Customer



Zeynep Iyigörür  
Co-Project Leader



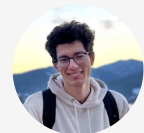
Alia Erfan



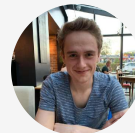
Daniel Cantzler



Patrycja Słotoch



Yassine Souissi



Palle Klewitz  
Customer

Program Management



Stephan Krusche



Matthias Linhuber



Maximilian Sölch

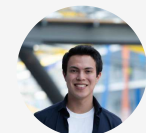


Philipp Zagar

msg



Maximilian Sölch  
Project Leader



Carlos Garzon



Inosensius Alvia



Marlon Bucciarelli



Pascal Altenkamp



Chantal Selim  
Customer



Arpen Matinyan  
Coach



Carolina Kawabata



Manuel Tamayo



Mohamed Aziz Talbi

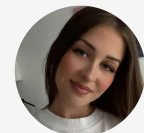


Marvin Scheit  
Customer

Prof. Plötz



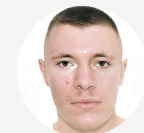
Prof. Bernd Brügge  
Project Leader



Katjana Kopic  
Coach



Maria Pospelova



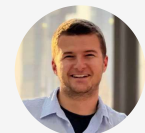
Kevin Marek Nöller



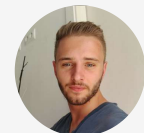
Hanseul Park



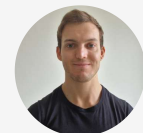
Prof. Werner Plötz  
Customer



Philipp Zagar  
Co-Project Leader



Julian Kraus

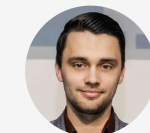


Jorge Marin Ruiz



Salahuddin Sediqi

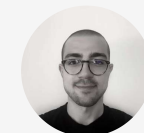
IABG



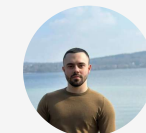
Patrick Bassner  
Project Leader



Armin Stanitzok  
Coach



Ahmet Ibrahim Senturk



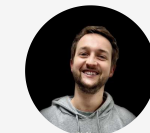
Indri Cali



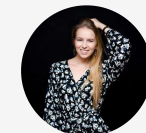
Yassin El Gezawi



Martin Glas  
Customer



Léon Friedmann  
Co-Project Leader



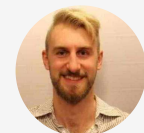
Agata Andrysiak



Dennis Denk

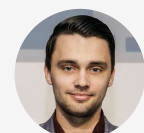
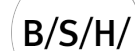


Niclas Schumann

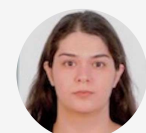


Sebastian Franz  
Customer

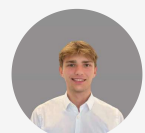
BSH



Patrick Bassner  
Project Leader



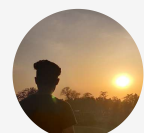
Eylül Naz Can



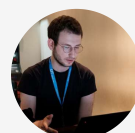
Marc Beil



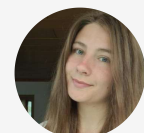
Simone Domenici



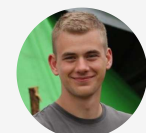
Vishavjeet Ghotra



Berkay Ogulcan Tural  
Customer



Ramona Eckert  
Coach



Jonas Stich



Philipp Nagy



Timur Krüger



Tamara Fiedler  
Customer

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

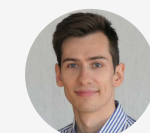


Timor Morrien  
Technical Admin



Ignacio Garcia  
Technical Admin

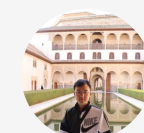
ZEISS



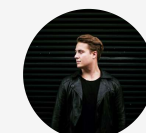
Maximilian Sölch  
Project Leader



Erik Traise  
Coach



Huiyu Chu



Leon Graeb



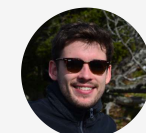
Yuanyuan Yin



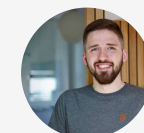
Markus Ritter  
Customer



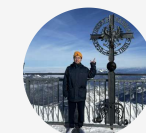
Anna Lottner  
Co-Project Leader



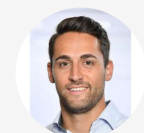
Dominik Michael Aulinger



Husein Jusic



Yiming Chen

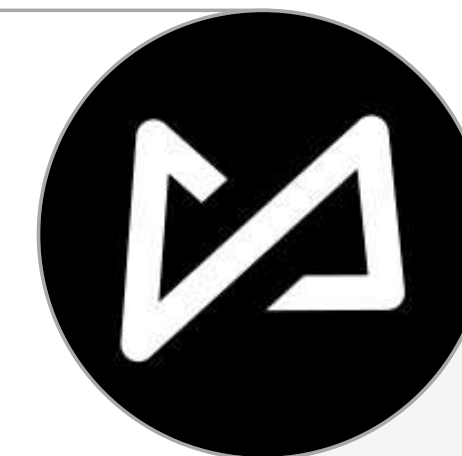


Jonas Frenzel  
Customer



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









# Application

1

Fill out the **application form** linked on [ase.cit.tum.de/ios](https://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](http://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](mailto:ios@in.tum.de)



**Questions?**

[ios@in.tum.de](mailto:ios@in.tum.de)