



Project: HPI Compass by SSE Technologies

Find Your Own Way

Scalable Software Engineering
WS 2021/22

Enterprise Platform and Integration Concepts

Co-Innovation Project between SSE Technologies and HPI



- “SSE Technologies” is a rather *young* company
- Founded 29.October 2021 by Michael Perscheid (CEO) and Christoph Matthies (CTO)
- HPI Start-up with the goal to reinvent people culture at universities
- We have a trustful relationship with HPI and we could win it as our first customer and co-innovation partner
- We had luck and could win more than 80 students from day one
- We favor open source software and agile development processes
- Remember: This is just a simulation! So, no money for you ;-)
- Who’s that? <https://www.linkedin.com/company/sse-technologies/?originalSubdomain=de>

*If you see this logo,
we’re in the simulation*



SSE Technologies

Co-Innovation Project between SSE Technologies and HPI



Ralf Teusner



Customer from HPI

Michael Perscheid



CEO of SSE Technologies

Christoph Matthies



CTO of SSE Technologies

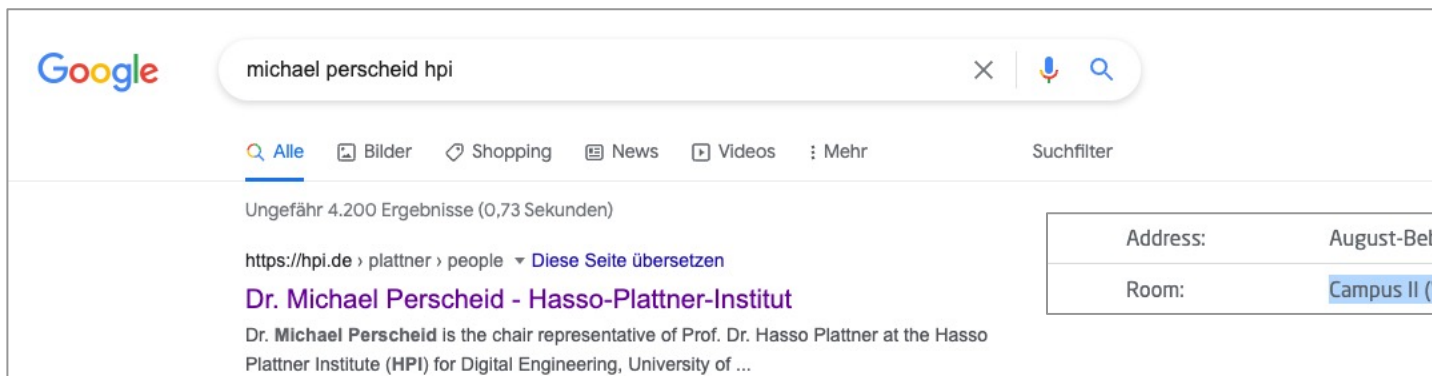
No central people portal at HPI



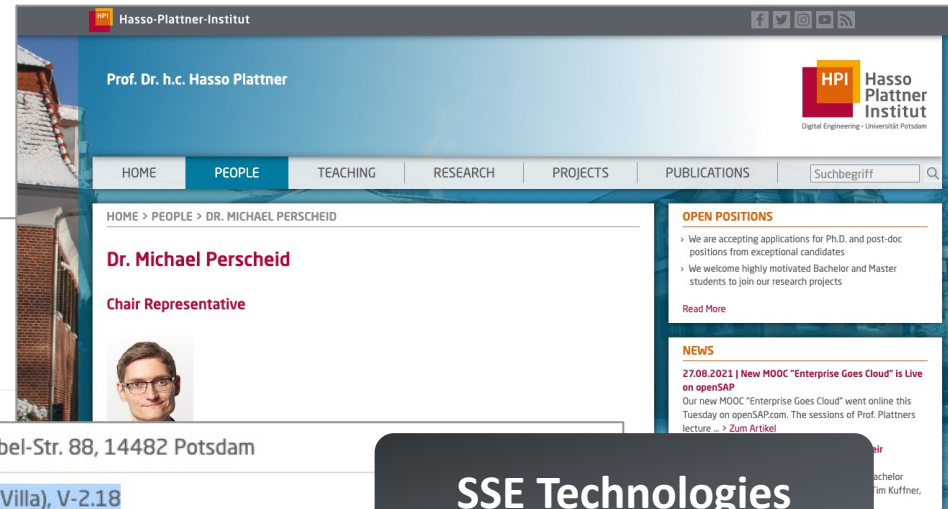
- Information is distributed on multiple web pages, not unified, sometimes out of date
- You will need background knowledge or the help of google
- Where can I find someone and how to get there?
- Situation is even worse if you don't know the name but rather looking for a specific role
- Or even more worse, if you are looking for non-human point of interests (cafeteria, toilettes,...)



企业平台和集成概念
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Google search results for "michael perscheid hpi". The search bar shows the query and the search button. Below the search bar, there are filters for "Alle", "Bilder", "Shopping", "News", "Videos", and "Suchfilter". The results show "Ungefähr 4.200 Ergebnisse (0,73 Sekunden)" and a link to "https://hpi.de > plattner > people > Diese Seite übersetzen". The main result is "Dr. Michael Perscheid - Hasso-Plattner-Institut" with a subtext: "Dr. Michael Perscheid is the chair representative of Prof. Dr. Hasso Plattner at the Hasso Plattner Institute (HPI) for Digital Engineering, University of ...".

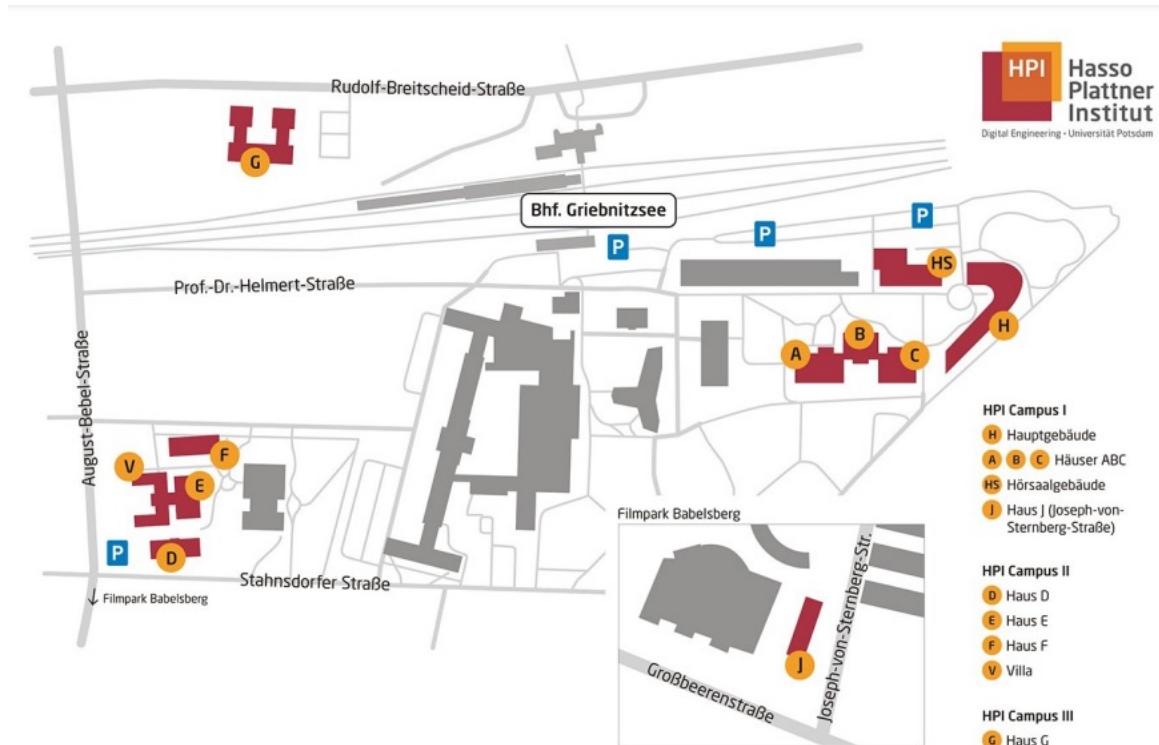


Screenshot of the Hasso-Plattner-Institut website. The page title is "Prof. Dr. h.c. Hasso Plattner". The navigation menu includes "HOME", "PEOPLE", "TEACHING", "RESEARCH", "PROJECTS", "PUBLICATIONS", and a search bar. The main content area shows "HOME > PEOPLE > DR. MICHAEL PERSCHIED" and "Dr. Michael Perscheid" with the title "Chair Representative". There is a small portrait of Dr. Michael Perscheid. On the right side, there is a "OPEN POSITIONS" section and a "NEWS" section. The "OPEN POSITIONS" section mentions applications for Ph.D. and post-doc positions. The "NEWS" section mentions a new MOOC "Enterprise Goes Cloud" on openSAP.

Address:	August-Bebel-Str. 88, 14482 Potsdam
Room:	Campus II (Villa), V-2.18

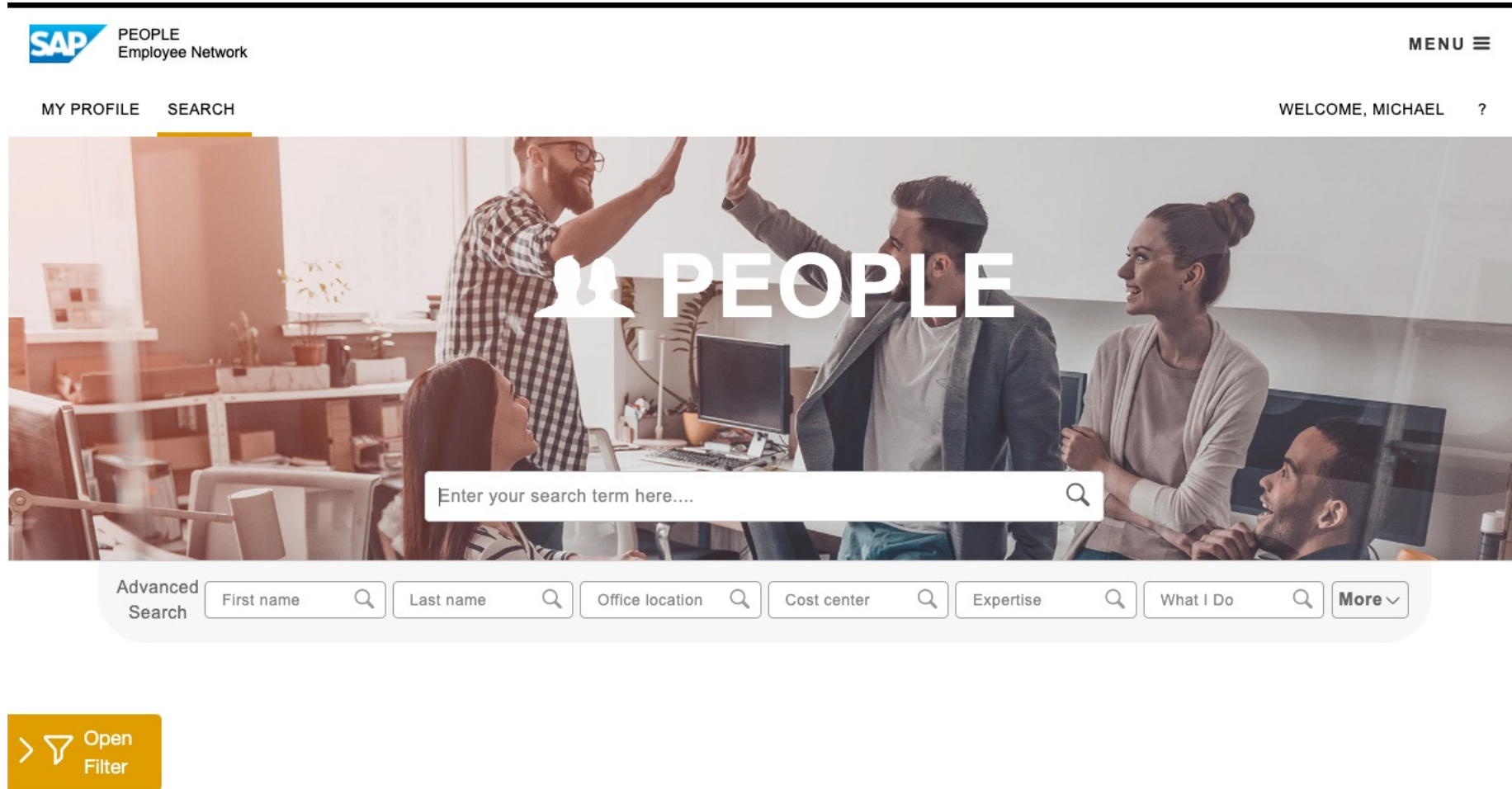


Remember your first semester (and maybe still valid)



- All you get for navigation is this high-level map w/o indoor information
 - Where is Ulf?
 - Where is the next toilette?
 - How long do I need from A to B?
 - Which access rights do I need?
 - Where am I?
 - How to meet my friends?
- The HPI has grown a lot over the last years and it will continue

Project: Compass Find Your Own Way



* Similarities to existing applications are purely coincidental.

Project: Compass Find Your Own Way



SAP PEOPLE Employee Network MENU ☰

MY PROFILE **SEARCH** Q WELCOME, MICHAEL ?

Advanced Search More ▾

< 1 2 3 4 >

Displaying 1 - 15 of 58 results ↑↓ Relevance ⌵

X

> Open Filter

Chair Representative of Prof. Dr. Hasso Plattner, Enterprise Platform and Integration Concepts (EPIC), HPI / VP for Strategic Projects
Michael Perscheid

📄 ✉ 👤 PERSCHIED Development ☎ +49 331 97995-296 +49 151 62345191 📍 POT04 - A3.01 Potsdam, Germany 🕒 CET, 01:21 PM

[Cindy Perscheid](#)

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SAP PEOPLE Employee Network MENU ☰

MY PROFILE SEARCH WELCOME, MICHAEL ?


Advanced Search [More ▾](#)

Chair Representative of Prof. Dr. Hasso Plattner, Enterprise Platform and Integration Concepts (EPIC),
HPI / VP for Strategic Projects [?](#) Last update: Sep 07 2021

Dr. Michael Perscheid [Success Map](#) [View Org Chart](#)

 [Edit Photo](#)

- [Redacted]** User ID
- Technology & Innovation** Board Area
- Development** Functional Area
- [Redacted]** Cost Center
- Potsdam (GERMANY), POT04, A3.01** Office Location [?](#)
- [Redacted]** Manager [?](#)
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- Konrad-Zuse-Ring 8** Office Address [?](#)
- [Redacted]** Assistant

 You're done!

100%

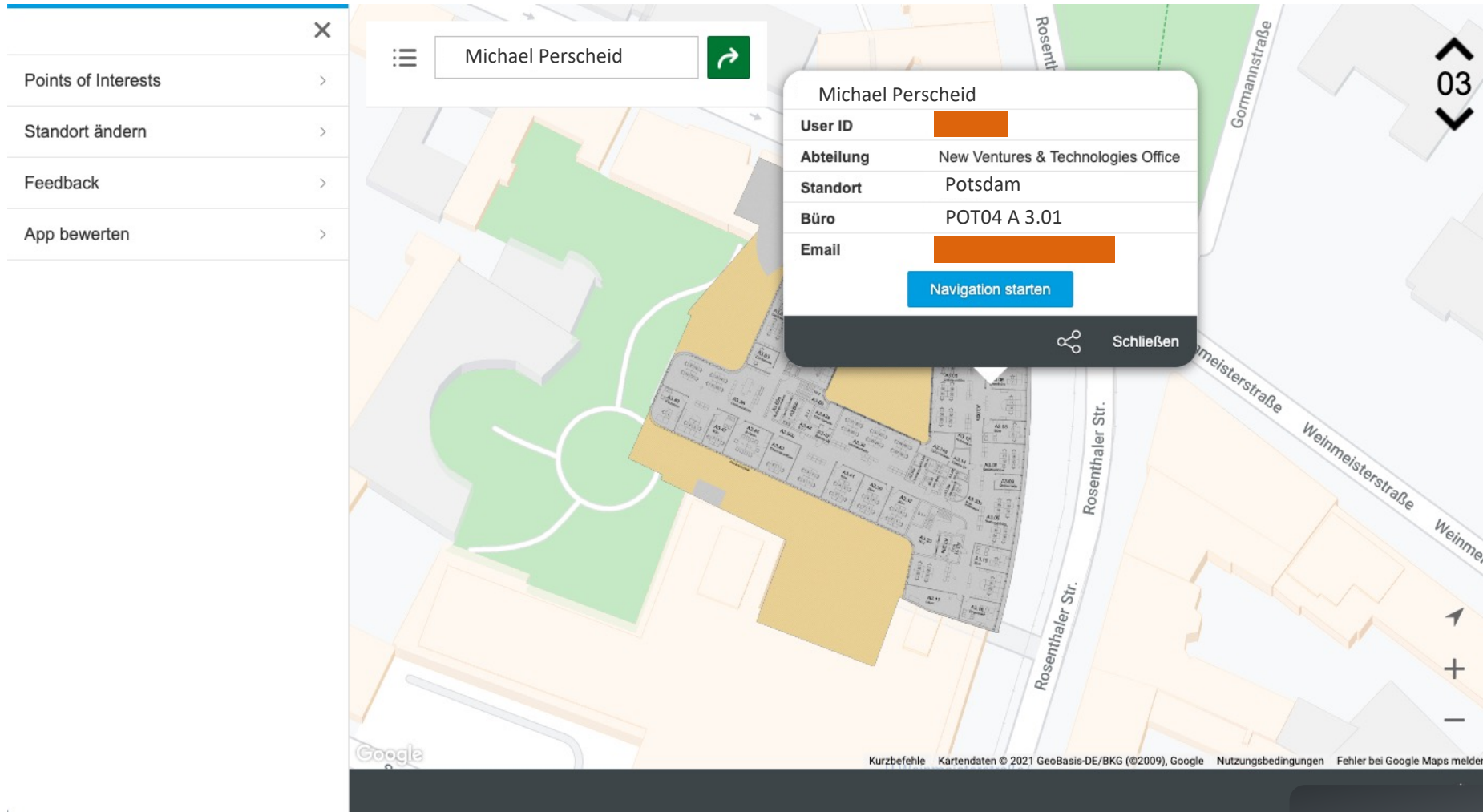
Organization Expertise Prior Experience

SSE Technologies

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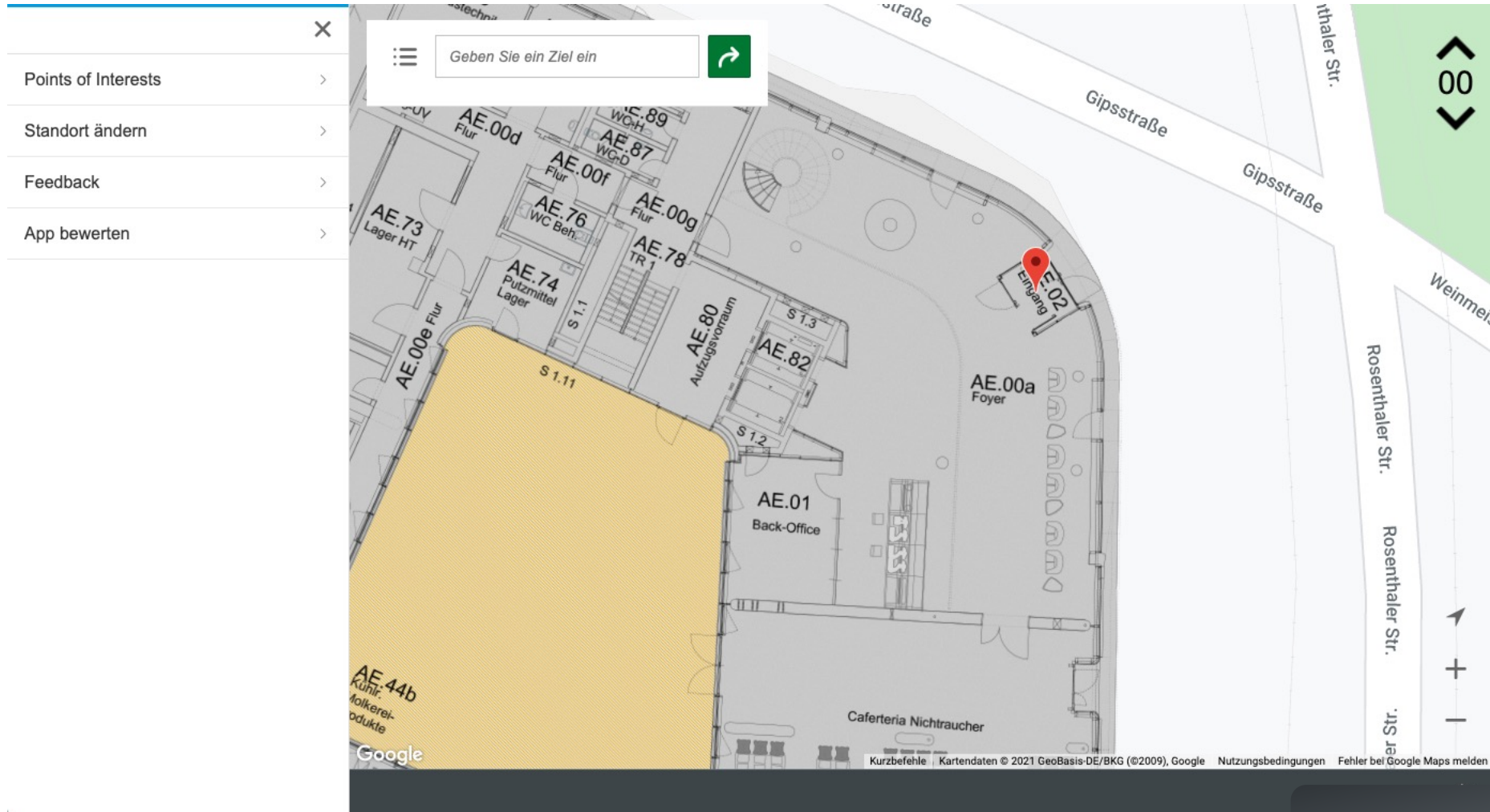
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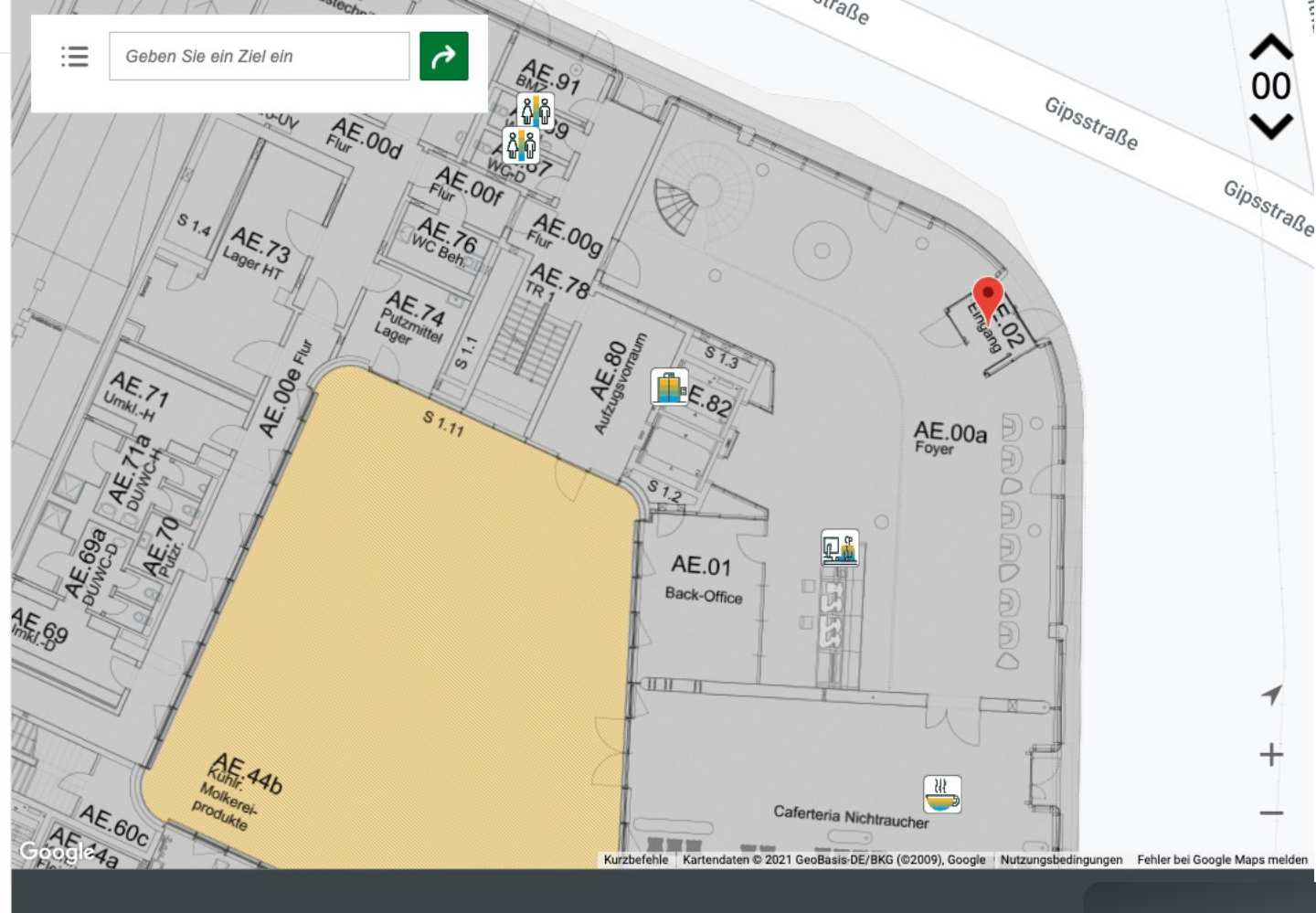
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Project: Compass

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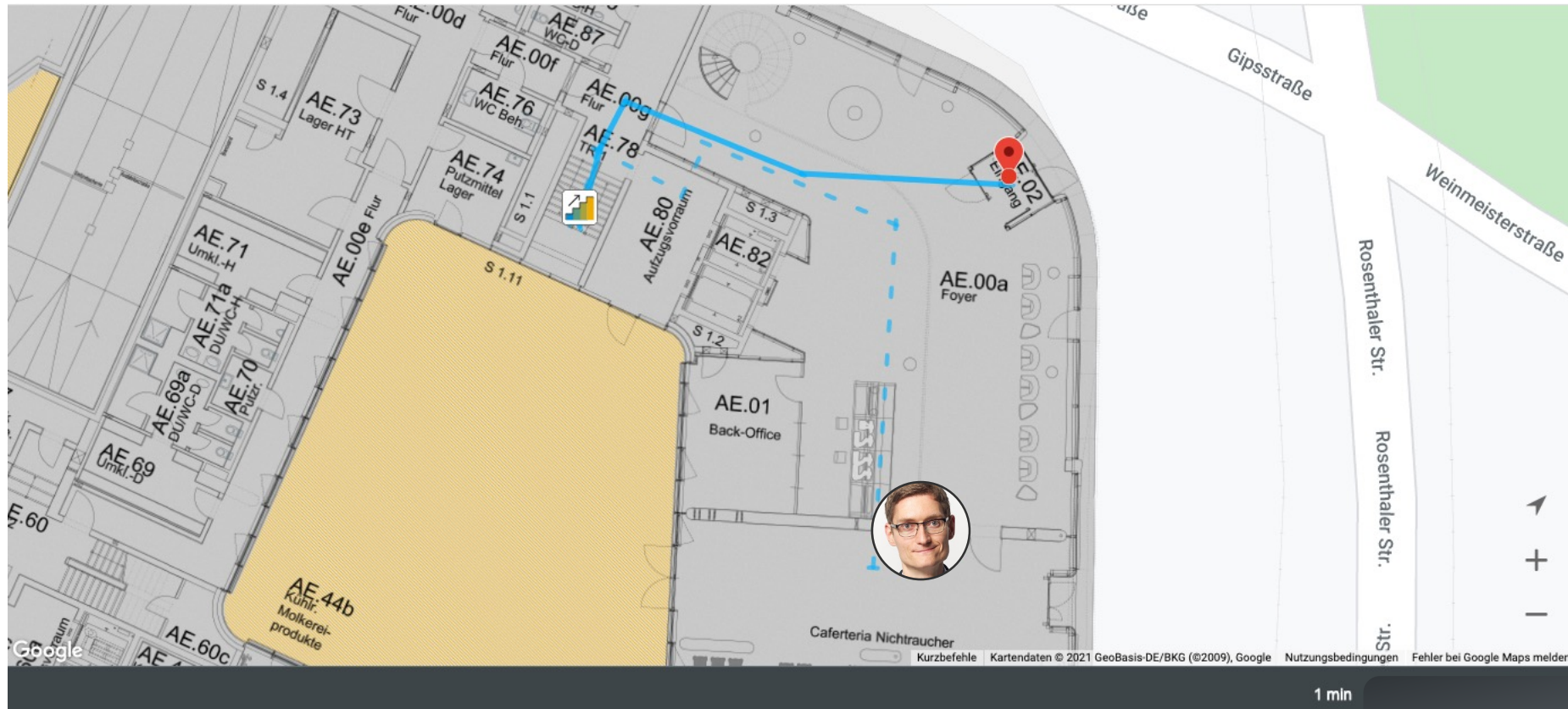
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Project: Compass Find Your Own Way



Leave your starting point.

vorheriger Schritt nächster Schritt X



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Will You Finish the Project?



- 1. How many people and how much time will you need?**
- 2. Can you finish the project in time (3 months, 40 students)?**
- 3. With which quality?**
- 4. Can three full-time equivalents (FTE) finish it in three months?**
- 5. Wanna bet?**
- 6. What is the definition of done?**

About 40 students per project with 6 ECTS each = 1 day (8 hours)

- Lecture (3 hours)
- Meetings and Operations (2 hours)

⇒ At best, 3 hours of productive time per student per week

⇒ 120 hours per week

⇒ ~3 Full-time equivalents (FTE) for three months