

RSE Romandie

Research Software Engineers of Vaud, Unite!

RSE Romandie

Research Software Engineers of ~~Vaud~~, Unite!

RSE Romandie

Research Software Engineers of SO, Unite!

Commits

- Welcome
 - A word from our sponsors
 - Goals of this meetup
 - Agenda
- RSE 101
 - The early days
 - RSE-CH
 - Upcoming
- Questions

Commits

- **Welcome**
 - **A word from our sponsors**
 - **Goals of this meetup**
 - **Agenda**
- **RSE 101**
 - The early days
 - RSE-CH
 - Upcoming
- **Questions**

A Word from our Sponsors

Open Research Data Portal

The ORD Program of the ETH Domain

EPFL

**Center for
Digital Trust**

Goals of this Meetup

Have Fun!

Network

Learn

Discuss

Teach

Goals of this Meetup

RSEs in industry

- Where are you?
- How to reach you?
- What do you need?

RSEs in academia

- How to better work together?
- Making our work and impact visible!
- What would an RSE career plan look like?

Empower RSE Romandie!



<https://rse-romandie.c4dt.org>

Time	CM1 105 – Big Room		CM1 104 – Small Room	
	Presenter	Title	Presenter	Title
9:00	<i>Welcome Coffee</i>			
9:30	Linus Gasser	Welcome and RSE History		
10:00	Simon Duerr	One click teaching material with CI/CD	Emmanuel Lanti	Your simulation works. Your code doesn't. A tale about scientific software design.
10:30	<i>Pause</i>			
11:00	IT4R	Code that talks	Kenneth Rioja	EVERSE Project: Providing Tools and Resources for Research Software Quality
11:30			Clement Humbert	ZKPs and applications (e.g., e-ID)
12:00	<i>Lunch</i>			

Time	CM1 105 – Big Room		CM1 104 – Small Room	
	Presenter	Title	Presenter	Title
12:00	<i>Lunch</i>			
13:00	Samuel Gaist	Why make it nice and readable when you can make it short and terrible?	Carine Dengler	Hackathon - Tools to foster the CH RSE community
13:45	Diego	RésIn – A RSE network in Paris and its online repository of engineers		
14:15	<i>Pause</i>			
14:45	Gaëlle Chapuis	Analytical degrees of freedom in practice: Evidence from hackathons and implications for automated science		
15:30	Carine Dengler / Various	Presentation Hackathon		
16:00	Linus Gasser	Closing words		

Hackathon - Tools to Foster the RSE Community

Take out your LLMs!

- RSE Coffee - random matches over all of Switzerland
- RSE Pairing - find an expert in Y who has 1h to pair-program with you
- RSE Knowledge - sharing is caring
- Or your idea

2h30 of tokens / good old programming - rse-romandie.c4dt.org was 2h...

Present at the end of the day

Commits

- Welcome
 - A word from our sponsors
 - Goals of this meetup
 - Agenda
- **RSE 101**
 - **The early days**
 - **RSE-CH**
 - **Upcoming**
- Questions

RSE UK Development

- 2012 - why is there no career path for software developers in academia?
- 2013 - defined the term Research Software Engineer
- 2014 - Research Software Engineers Association
- 2016 - First RSE Conference
- 2019 - The Society of Research Software Engineers
- 2026 - 10th RSE Conference (thanks, CoVid)

RSE in the Early Days - [A Rainy Day in the UK in 2013](#)

Roles: “research officer” – considered support

don't want to be servants

NOT permanent postdoc

Not a lab technician

Calling them software engineers is not good enough – **domain specialised**

“Researcher” has pressure to **publish**

Who can engineer change: professors have route 1 to deans

“New species” needs a name: scientific software developer

Judging success. Change the metric or make it possible to compete on papers metric. Hard to create new metric!

At Manchester never got further than saying “not an RA”

Epsrc do recognise issues of having this new species.

New profession: “Scientific Software developer” or “Research Software developer” **“Research Software Engineer”**

Could we broaden the definition to other engineers – hardware engineers. “Research Engineer”

We're not on new ground here. Years ago – “Research engineer”

The background is immaterial phys sci or comp sci

The RSE Spectrum



Researcher
without
Coding

RSE

Software Engineer
without
Research

What is an RSE?

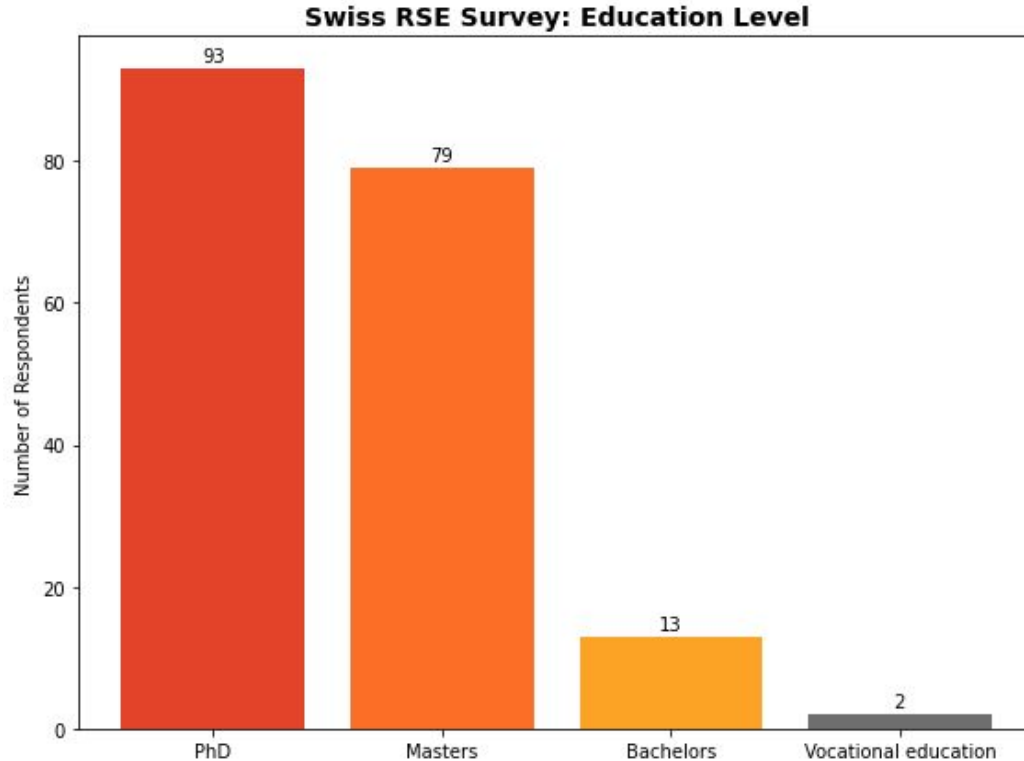
Who

- wrote at least 1 line of code today? ... this week? ... last week?
- read part of a research paper today? ... this week? ... last week?
- has a Master degree? PhD degree?
- launched a commercial product in the last 12 months?
- works in academia (EPFL, other)?
- works in industry?

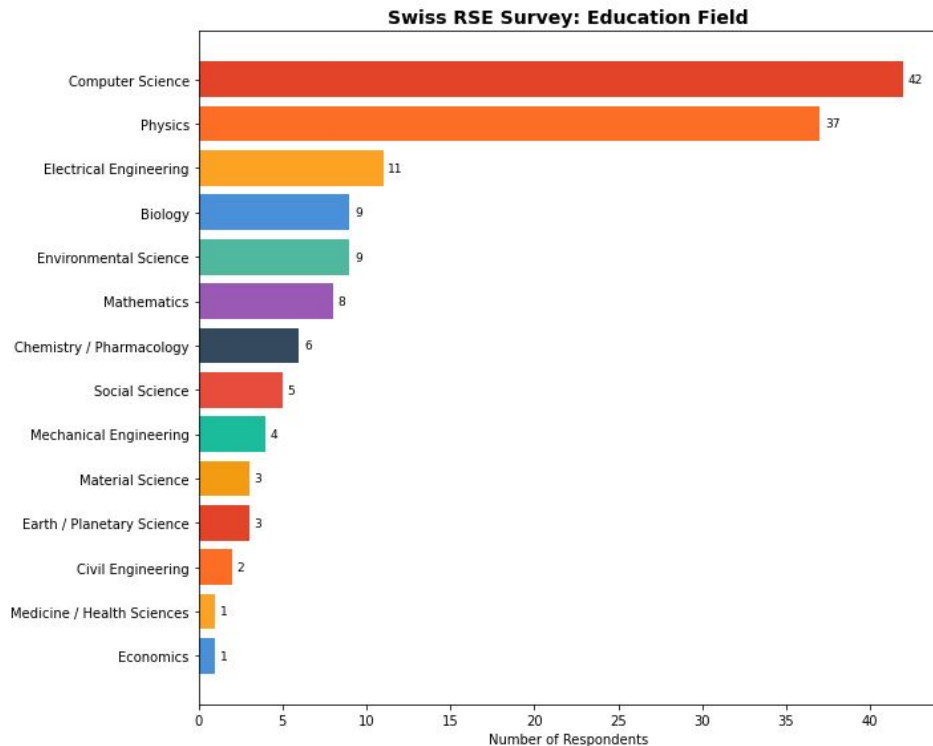
RSE.SWISS

- 2018 - First mention of RSE at EPFL
- 2018 - 2020 - Meetings with RSEs of EPFL/IC
- 2023 - ETHZ proposes Swiss-wide RSE4ORD grant
- 2024 - 2026 - Grant is accepted: RSEs ambassadors from ETH Domain (ETHZ, EPFL, EMPA, ...)
- 2025 - more ambassadors from Fachhochschulen
- 2026 - RSEs from companies

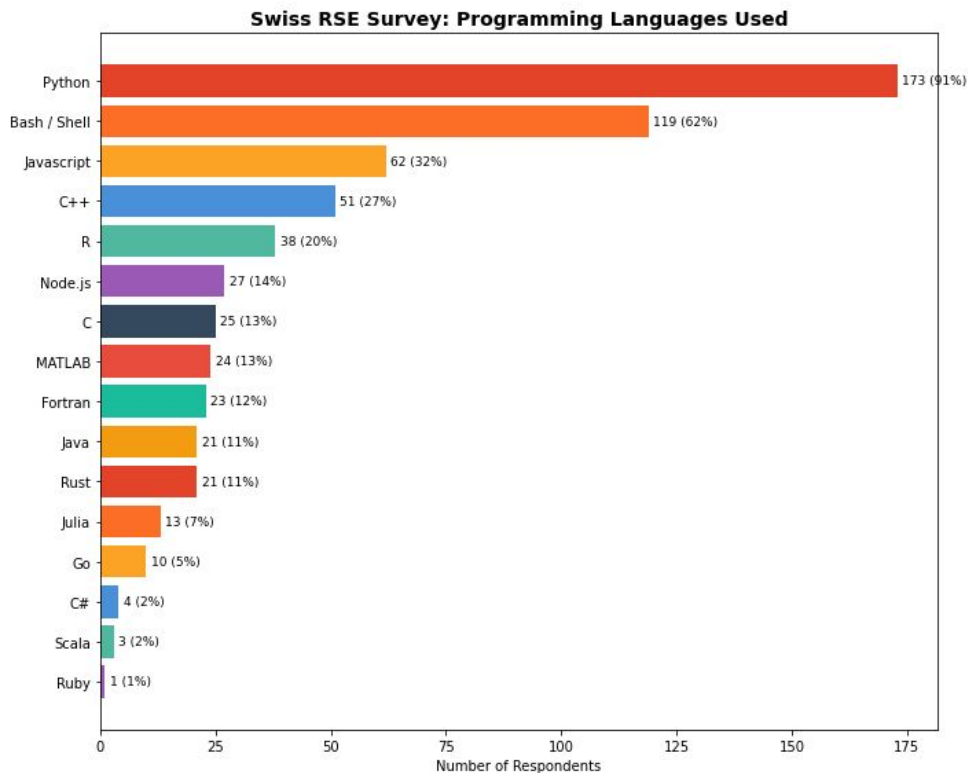
Where do Swiss RSEs Come From?



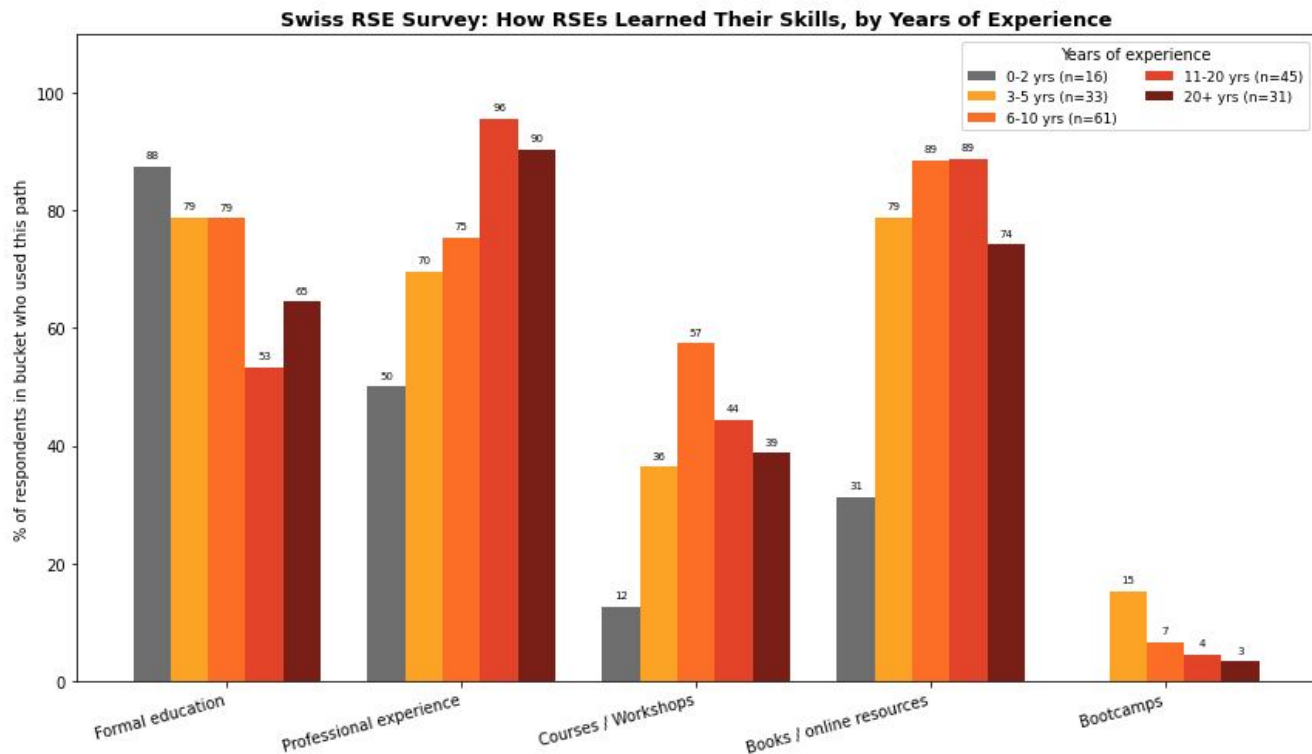
Where do Swiss RSEs Come From?



Where do Swiss RSEs Come From?

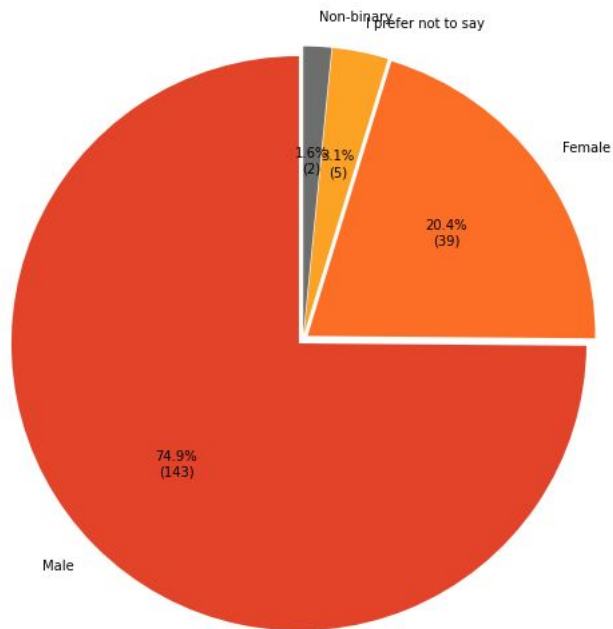


Where do Swiss RSEs Come From?



Where do Swiss RSEs Come From?

Swiss RSE Survey: Gender Distribution



Other RSEs nearby



© 2026 by Linus Gasser for C4DT - go.epfl.ch/rse-romandie

What is RSE-CH Doing?

Organisational

- Making long-term plans: RSE and [EnhanceR](#)
- Goals: conferences/networking, teaching, career path

Conferences

- [Annual Swiss RSE Day](#) - 31st of August - Zurich
- [RSECon26](#) - 9-11 of September - Sheffield, UK

Day-to-day

- Swiss RSE page: rse.swiss
- Matrix space: [#rse-ch:matrix.org](https://matrix.org/#/rse-ch:matrix.org)

Commits

- Welcome
 - A word from our sponsors
 - Goals of this meetup
 - Agenda
- RSE 101
 - The early days
 - RSE-CH
 - Upcoming
- **Questions**