

Research Software Engineer Kick-Off Meeting

Buiding a research software engineer community

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PSI, May 7th 2025

Agenda

- 1 Welcome
- 2 (Short) introduction
- 3 Keynote Tarun Chadha, Uwe Schmitt
- 4 Questions/discussion
- 5 Next steps

Welcome

Who are we?

- Elsa Germann, HPC System Engineer: Merlin7, Spack, ICON (GPU programming)
- Achim Gsell, System Engineer: AFS, Pmodules, OPAL (tool for particle simulation)
H5hut (library to handle particle data in HDF5 files)

Speakers

- Uwe Schmitt (ETHZ Scientific IT Services, software and data management)
- Tarun Chadha (ETHZ Scientific IT Services, data scientist/machine learning)
- Built up RSE community at ETHZ
- Supporting the growth of the movement inside the ETH domain and Swiss universities

Invitation send to all Gitlab/Gitea users: 64 accepted; Tentative: 33

Introduction

Objectives

- Build a RSE community at PSI
- Establish best practices for research software development @PSI
- Connect RSE communities in the ETH domain and Swiss universities

Funding:

- Project in the Open Research Data (ORD) measure 2 program. See <https://openresearchdata.swiss>
- RSE4ORD – building a research software engineering community to promote open science
- ETHZ, EPFL, PSI, Empa, WSL, EAWAG
- Total budget CHF 254'500 (matching funds: ETH Board CHF 127'250.-.)

Introduction: Information channels

Mailing list

- Please subscribe via Web-frontend:
`https://psilists.ethz.ch/sympa/info/rse`
or by sending an email to
`sympa@lists.psi.ch`
with the subject
`subscribe rse@lists.psi.ch first_name last_name`
- Discuss RSE related topics, question, announcements etc.

PSI Aktuell

- Announcements of meetings/activities

Webpage

- Not yet

Next steps

- Organize an onsite event at PSI for everybody interested in RSE
- Meeting with group heads and supervisors of PhD student
- Ideas are welcome!