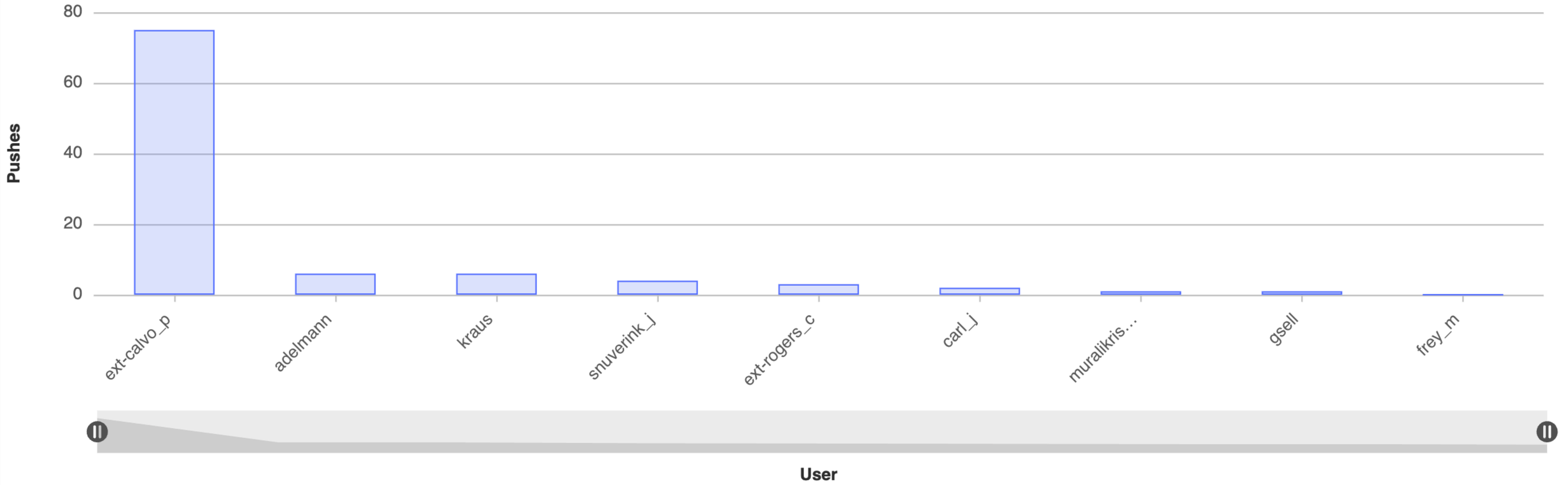
Virtual OPAL Developer Meeting 2022 June - Introduction

Contribution analytics for issues, merge requests and push events since 2022-03-17

Pushes

98 pushes, more than **398.0** commits by **8 people** contributors.



Sriramkrishnan Muralikrishnan for Andreas Adelmann (Paul Scherrer Institut)

Content

1. Updates OPAL (S Muralikrishnan for A Adelmann)
2. Updates on IPPL V 2.x (S Muralikrishnan)
3. pyOPAL (Ch Rogers)
4. 2022 releases (A Gsell)
5. Pressing open issues (all)

Updates

- ~~94~~ 99 member in the active mailing list (opal@lists.psi.ch)

At present the focus in large is on:

- continue consolidation & code cleanup
- working on bugfixes / feature requests
  - 12 ~~15~~ bugs 20 ~~19~~ feature requests

* delayed OPAL paper

Current projects - 1

☑ P3M in OPAL (IPPL 1.0) (Sri & AA)

- IPPL 2.x (Sri & Matthias)

  ✓ paper submitted CPC (https://arxiv.org/abs/2205.11052)

- Ch Rogers
  - FFA modeling (Ring element)
  - pyOPAL
- Sri & AA + MSc student
  - SwissFEL modeling
  - 2 new students for fall semester 2022 (load-balancing, full maxwell solver)

Current projects - 2

- Prepare OPAL for IPPL 2.x (AA)
  - ✓ adapt cmake such that IPPL is an external library
  - ✓ header file adaption
  - Volunteer for replacing Tensor and/in Quaternion class