

PSI Center for Neutron and
Muon Sciences

CHRISP Users' meeting BV56

PSI, Feb 10-12, 2025



Klaus Kirch, ETH Zurich and Paul Scherrer Institute
PSI, 11 February 2025

Research Committee for CHRISP



Welcome to:

Sonia Bacca, Mainz

Fanny Farget, Caen

Michael Jentschel, Grenoble

Farewell to:

Geoff Greene



Five years history key numbers CHRISP



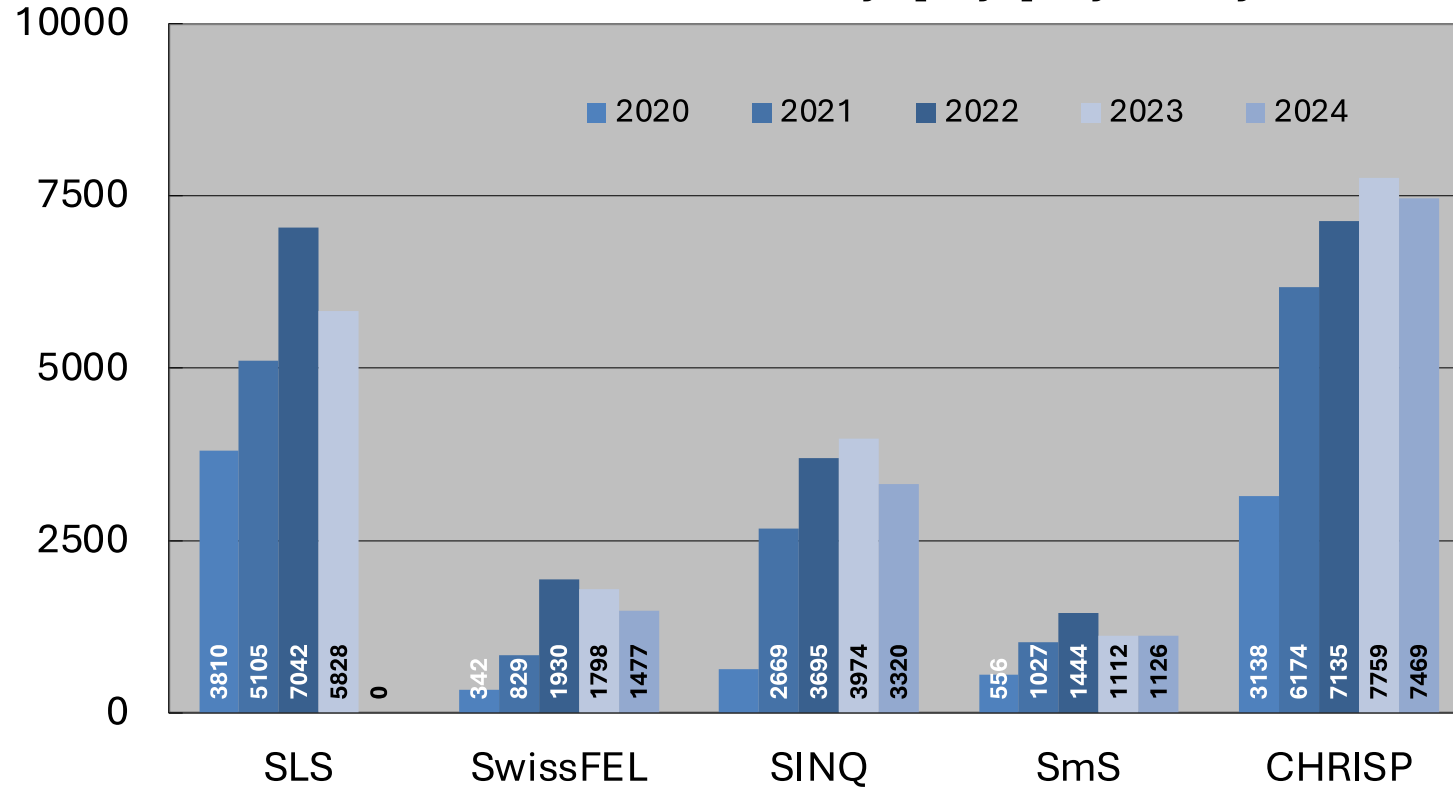
	2020	2021	2022	2023	2024
Running experiments	7	10	10	13	13
User visits	339	543	642	735	860
Individual users	187	317	330	359	398
Experimental days	539	812	665	791	821
Sum of user stays (days)	3138	6174	7135	7759	7469
New proposals submitted	2	2	3	4*	4*
Months of operation	5	8	8	8	7

* plus 11 continuation proposals

Duration of stays – users 2024

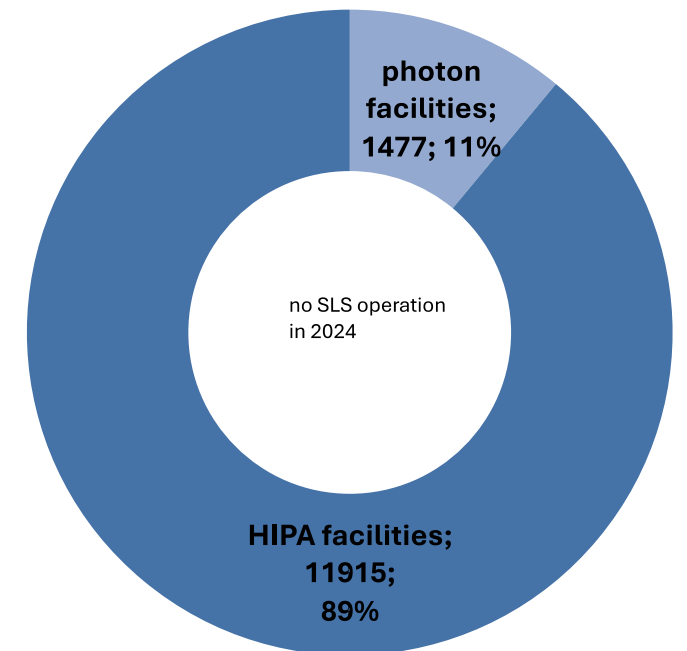


duration of user stays [days] - 5y history



HIPAA facilities: SINQ, S_μS, CHRISP
 Photon facilities: (SLS), SwissFEL

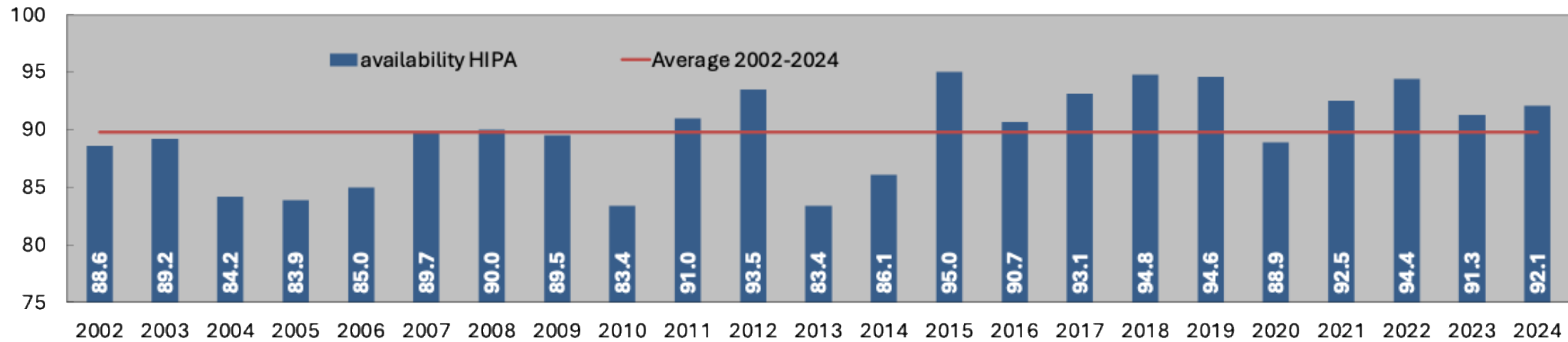
duration of user stays 2024 [days; %]



HIPA performance

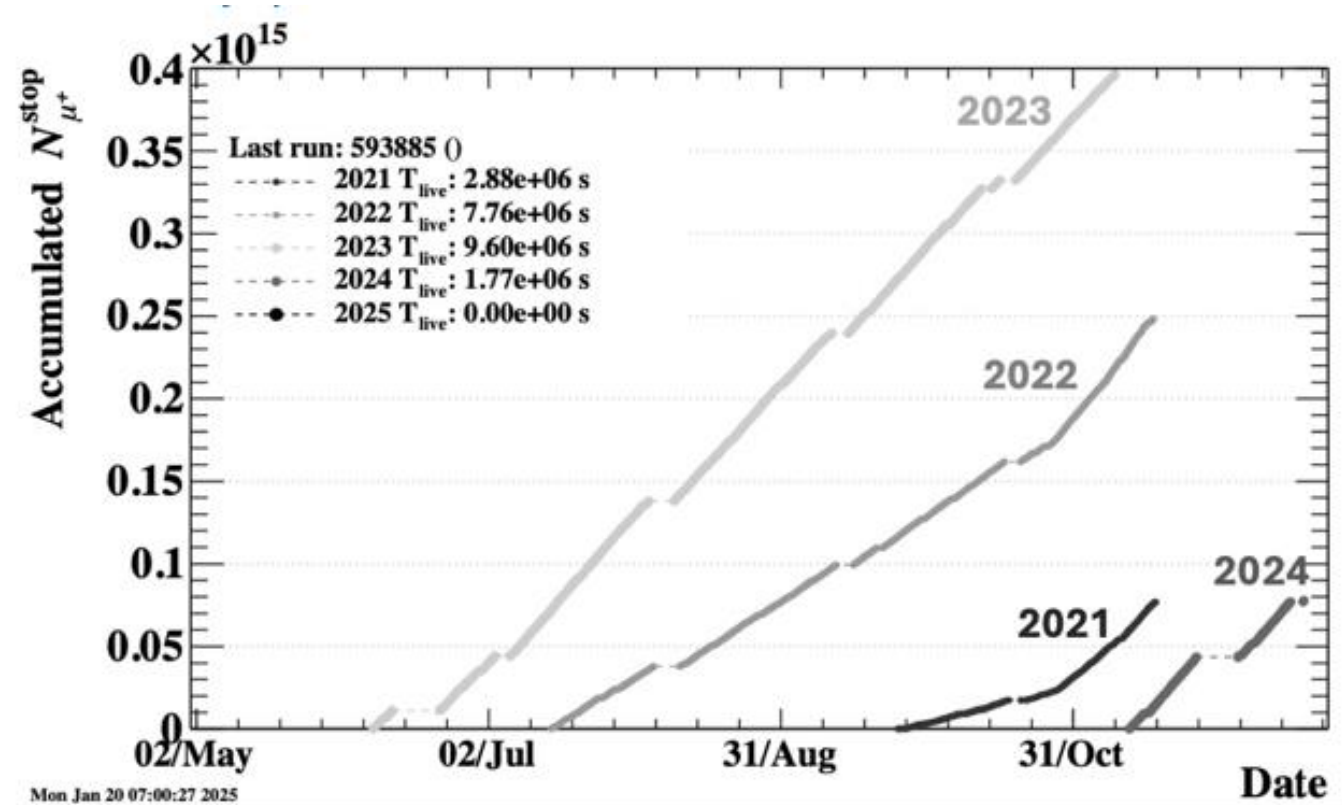


availability proton accelerator HIPA in %



MEG II – accumulated statistics

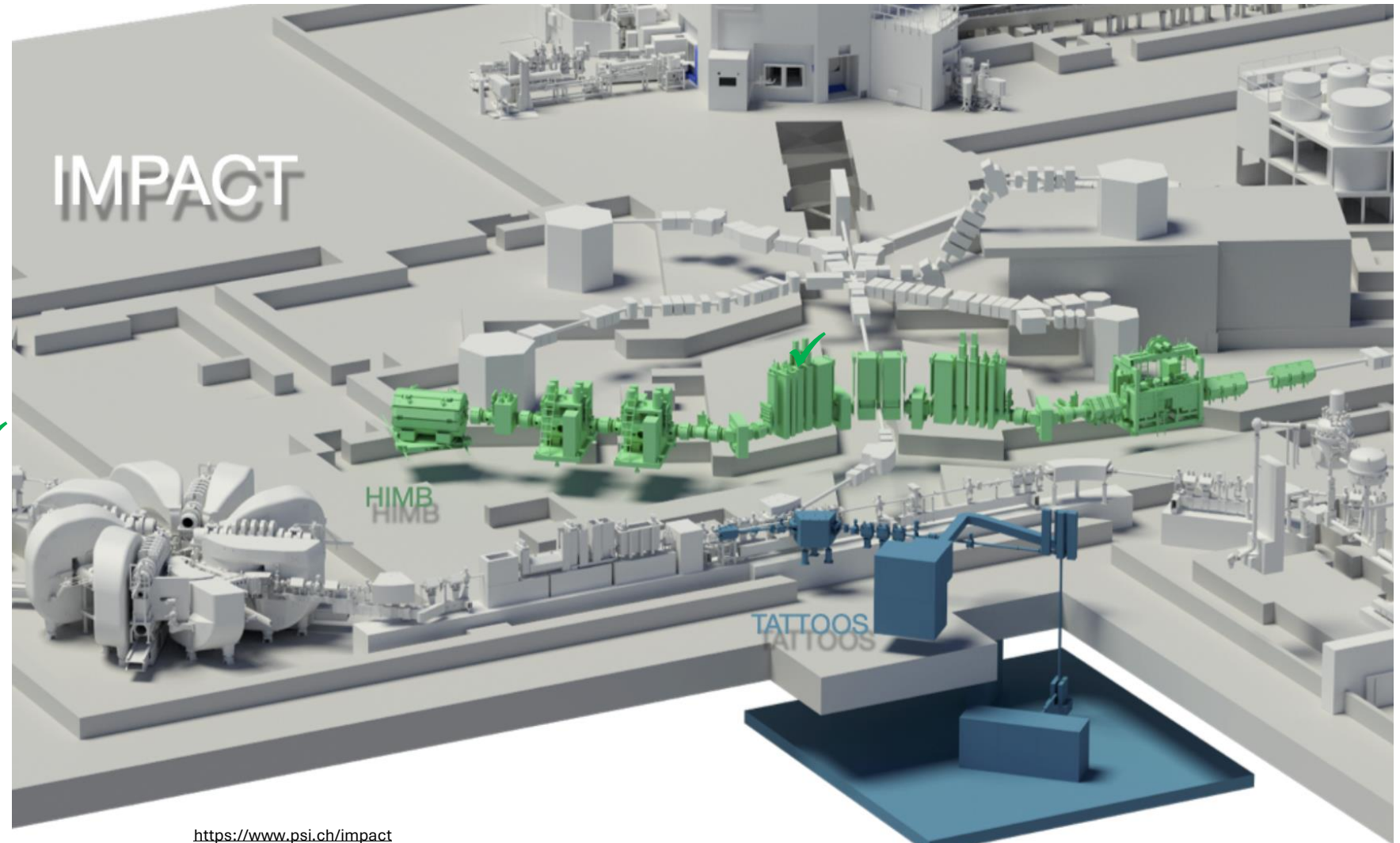
WEHA cryoplant failure



IMPACT – Isotopes and Muon Production using Advanced Cyclotron and Target technologies



- 01/22 CDR published ✓
- 07/22 Scientific Review ✓
- 12/22 ETH Board: IMPACT for Swiss Roadmap of RIs 2023 ✓
- 2022-24 PSI funds pre-project ✓
- 12/24 Swiss parliament decides about funding 2025-28 ✓
- 08/28 start HIMB
- 08/30 start TATTOOS



<https://www.psi.ch/impact>
<https://www.psi.ch/media/our-research/a-two-part-upgrade-for-the-proton-accelerator>



Two dear colleagues who we miss very much

Johann (Hannes) Zmeskal

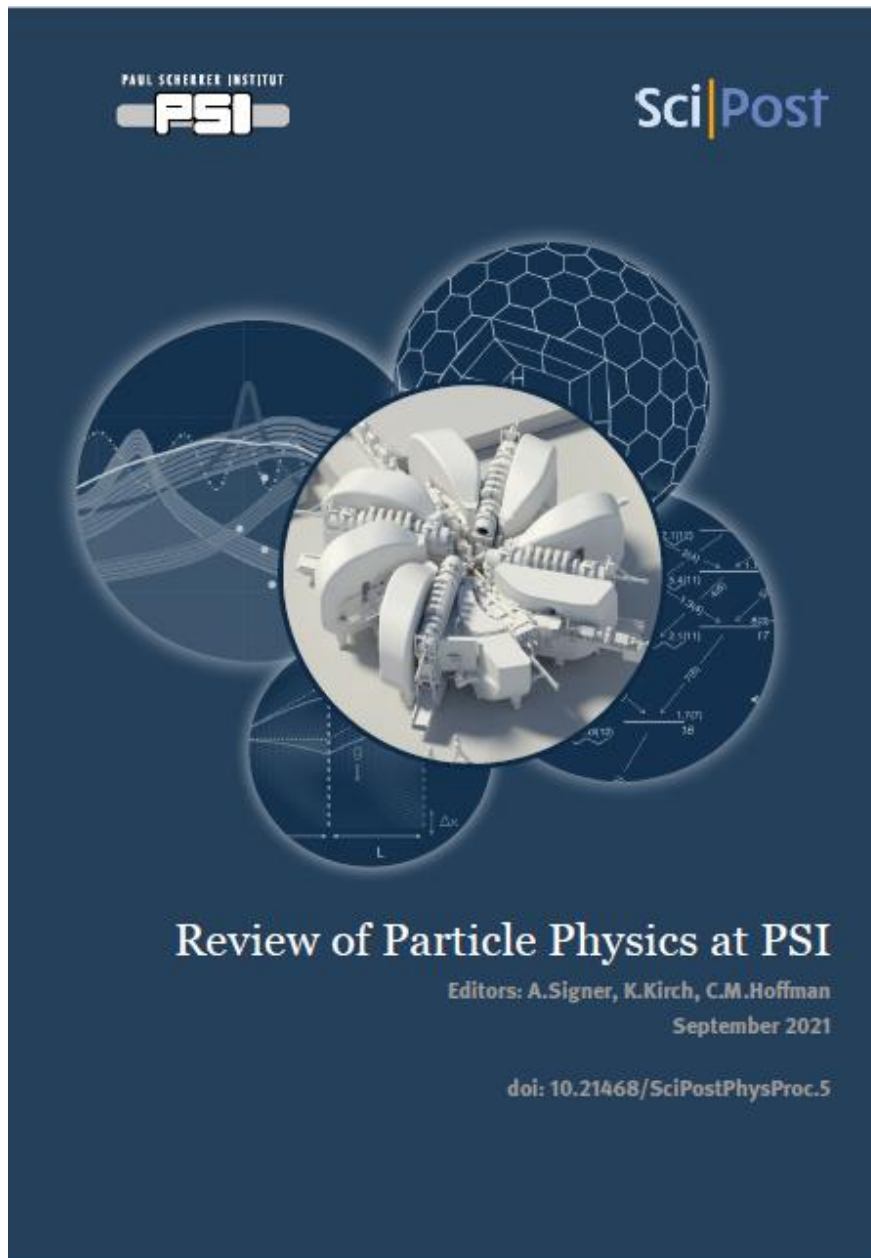
13.5.1955 – 23.7.2024



Detlev Gotta

27.1.1952 – 13.11.2024





PSI2025



Physics of fundamental Symmetries and Interactions - PSI2025

Next users' meeting

Please note the date for the next
CHRISP users' meeting and review BV56:

Tue-Thu, Feb 3-5, 2026

[Deadline: Jan 16, 2026]

To appear here: <https://www.psi.ch/en/sbl/call-for-beam-time-requests>