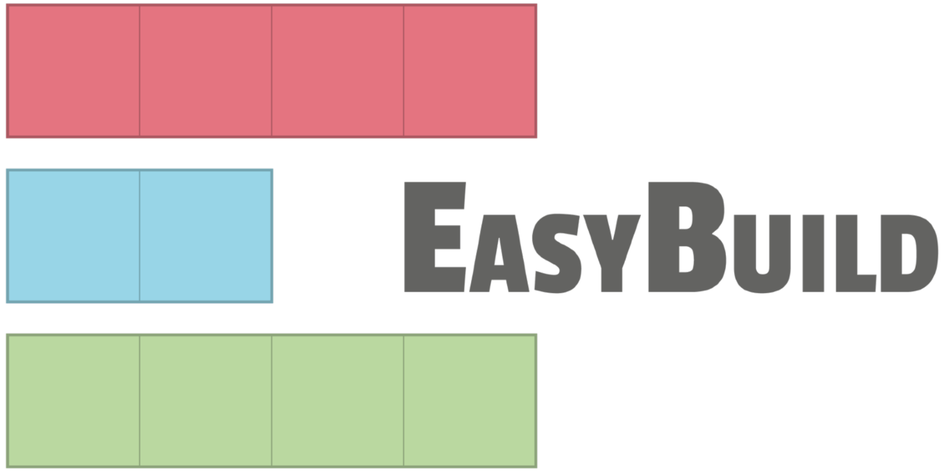


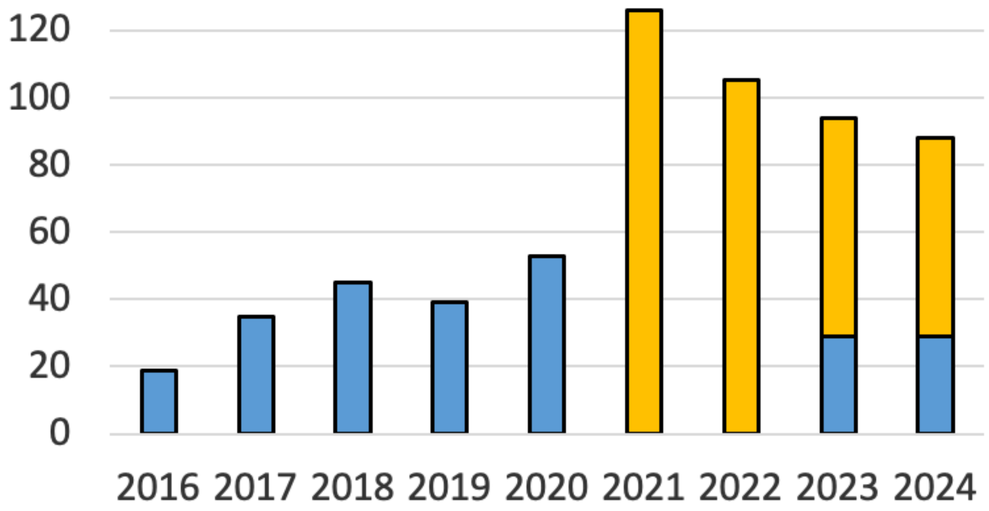
9th EasyBuild User Meeting (EUM'24)

Welcome

23-25 April 2024

https://easybuild.io/eum24

9th EasyBuild User Meeting: registrations



EUM'23 (London)

- *2016: 19 (HPC-UGent, Belgium)*
- *2017: 35 (JSC, Germany)*
- *2018: 45 (SurfSARA, Netherlands)*
- *2019: 39 (CECI, Belgium)*
- *2020: 53 (HPCNow!, Spain)*
- *2021: 125 (virtual)*
- *2022: 105 (virtual)*
- *2023: 29 on-site + 65 remote*
- ***2024: 29 on-site + 59 remote***

Remote attendance

- Registered attendees can ask questions live via Zoom *after* each talk (microphone on)
- Attendees following via YouTube can raise questions via EasyBuild Slack
  - See `#eum` channel - **one question per message, use threads!**
  - **Join EasyBuild Slack via https://easybuild.io/join-slack**

Live streaming & recording

- Live streaming of all talks via the **EasyBuild YouTube channel**

  https://www.youtube.com/c/easybuilders

- Talk recordings (live) should be available there shortly after each talk
- Talks from ***ALL*** previous EasyBuild User Meetings are also available there, together with other talks on EasyBuild and related tools (see playlists)
- Join #eum channel in EasyBuild Slack for Q&A!

9th EasyBuild User Meeting - program

Tue 23 April 2024

https://easybuild.io/eum24

- [09:00-10:30] Meet & greet + registration (informal)
- [10:30-10:45] **Welcome to EUM'24**
- [10:45-12:30] **EasyBuild State of the Union (+ Q&A, open discussion)**
  Kenneth Hoste (HPC-UGent)
- (lunch break)
- [13:30-15:00] **Keynote: EUPILOT: towards an All-European RISC-V-based HPC demonstrator**
  Miquel Pericas (Chalmers University of Technology)
- (coffee break)
- [15:30-17:00] **EasyBuild 5.0 (incl. hands-on)**
  Simon Branford (University of Birmingham)
- [18:30] **Group dinner (sponsored by HPCNow!)**

9th EasyBuild User Meeting - program

Wed 24 April 2024

https://easybuild.io/eum24

- [09:00-10:30] EasyBuild @ Umeå University - by Åke Sandgren (Umeå University)
- [09:20-09:40] EasyBob, the friendly software installation bot - by Jörg Saßmannshausen (Imperial College London, UK)
- [09:40-10:00] EasyBuild @ University of Birmingham - by Simon Branford (University of Birmingham)
- [10:00-10:30] EasyBuilding PyTorch - by Alexander Grund (TU Dresden)
- (coffee break)
- [11:00-11:30] Recent advances in ReFrame - by Vasileios Karakasis (NVIDIA) - remote
- [11:30-12:00] Blablador - by Alexandre Strube (Jülich Supercomputing Centre)
- [12:00-12:30] How I became an EasyBuild maintainer - by Adam Huffman (Big Data Institute, University of Oxford)
- (lunch break)

9th EasyBuild User Meeting - program

Wed 24 April 2024

https://easybuild.io/eum24

- [13:15-13:30] A splash of color - by Mikael Öhman (Chalmers University of Technology, Sweden) - remote
- [13:30-15:00] EasyBuild site talks:
  - Vrije Universiteit Brussel (Cintia Willemyns)
  - TU Dresden (Alexander Grund)
  - UPPMAX (Douglas Scofield)
  - CSCS (Luca Marsella)
- (coffee break)
- [15:30-16:15] Spack update - by Todd Gamblin (LLNL, US) - remote
- [16:15-17:00] - Tour of datacenter of Umeå University
- [18:30] **Group dinner (sponsored by INUITS)**

inuits
OPEN SOURCE INNOVATORS

9th EasyBuild User Meeting - program

Thu 25 April 2024

https://easybuild.io/eum24

- [09:00-09:30] Introduction to EESSI - by Lara Peeters (Ghent University)
- [09:30-10:00] Contributing to EESSI - by Pedro Santos Neves (Univ. of Groningen)
- [10:00-10:30] - Installing datasets - by Sam Moors (Vrije Universiteit Brussel)
- [11:00-12:30] - Hands-on with EESSI: getting access, user experience, contributing
- [13:30-14:30] Ecosyste.ms: Exploring Open Source Software Landscapes - by Andrew Nesbitt - remote
- [14:30-15:00] EESSI beyond the basics: GPU support, test suite, GitHub Actions, … - by Kenneth Hoste (Ghent University)
- [15:30-16:15] CernVM-FS experience report - by Bart Oldeman (Digital Research Alliance of Canada) - remote
- [16:15-17:00] Open discussion, more hands-on, etc
- [18:30] **Group dinner (sponsored by HPC2N + Umeå University)**

UMEÅ UNIVERSITY