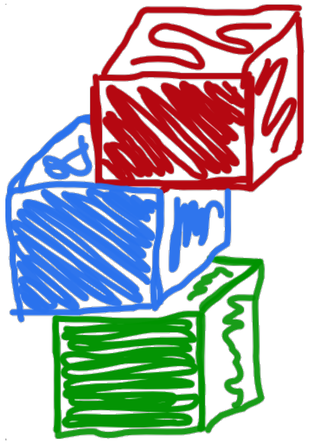


easybuild

7th EasyBuild User Meeting (EUM'22)

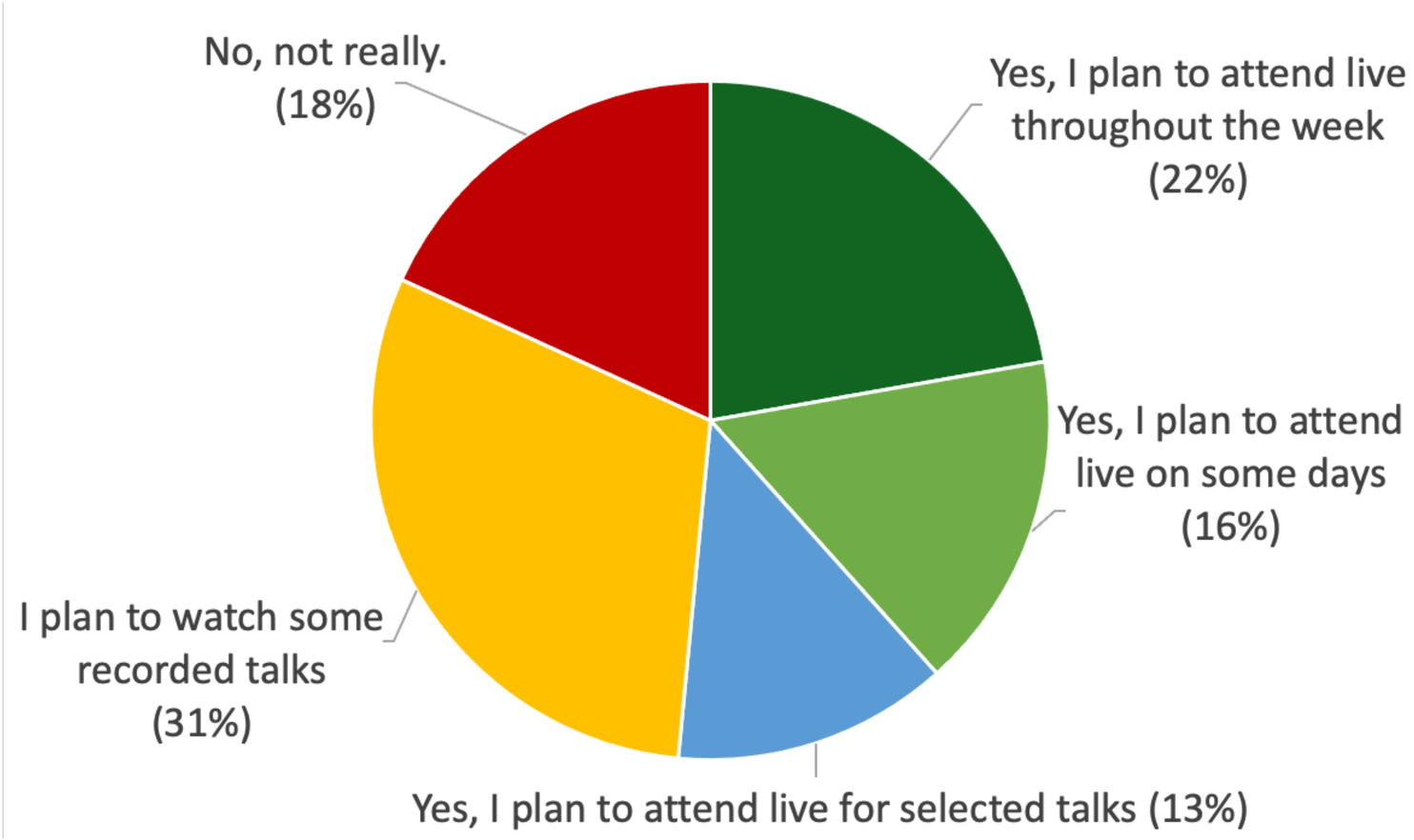
Welcome

virtual - Jan 24-28 2022

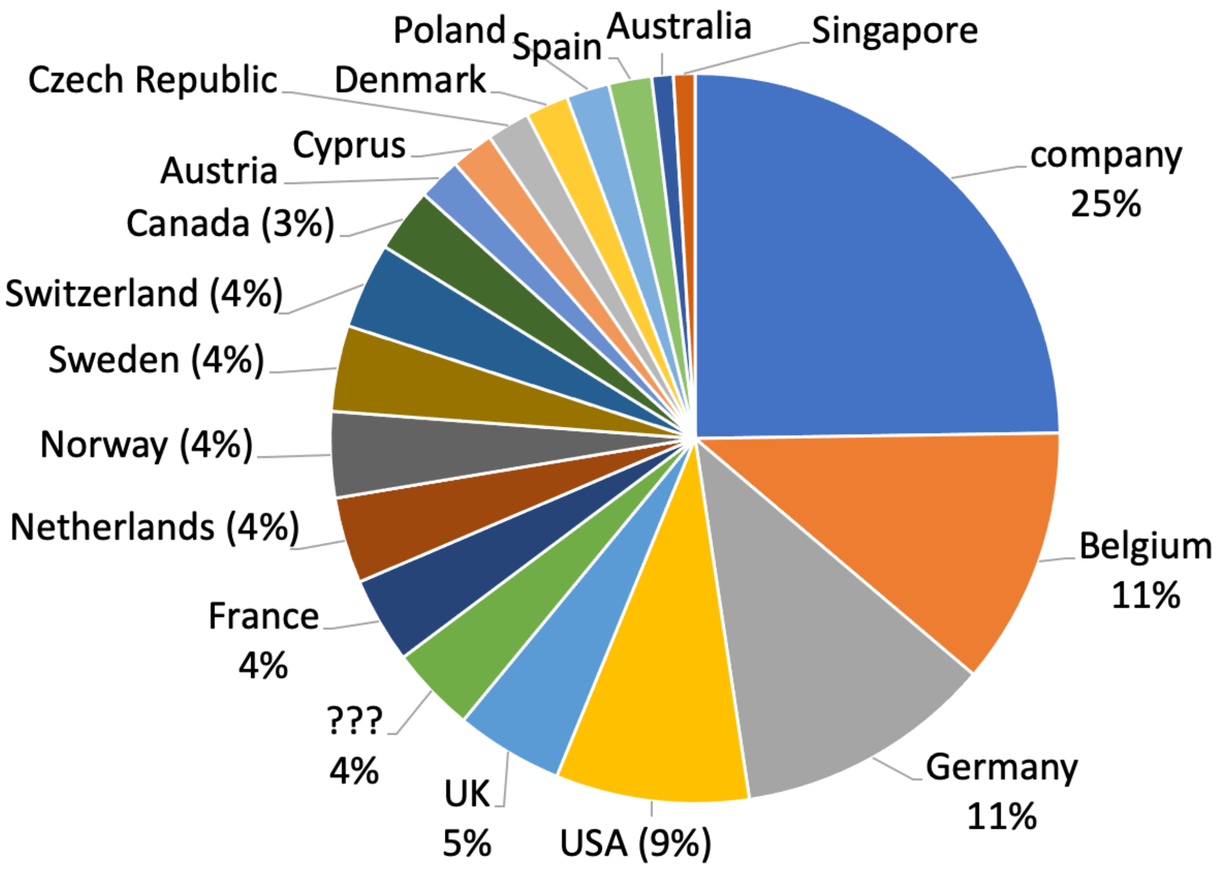
https://easybuild.io/eum22

5th EasyBuild User Survey

Are you planning to attend the next EasyBuild User Meeting?

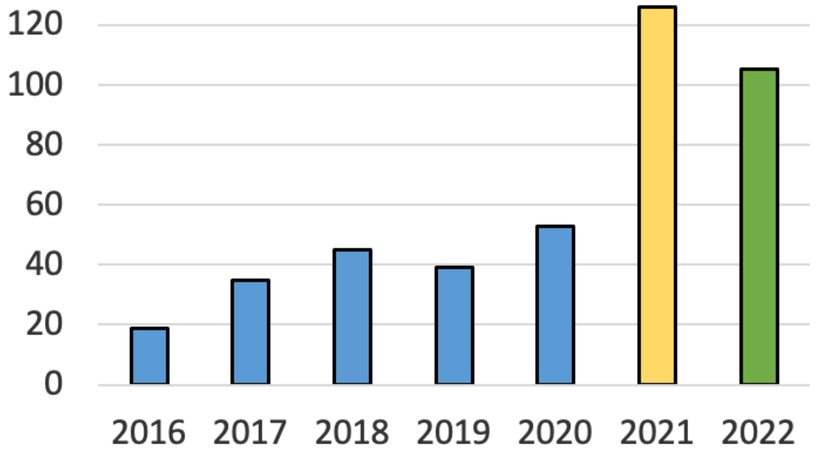


7th EasyBuild User Meeting: registrations



EUM'22 registrees by country

18 countries (4 continents) + several companies



- *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)***

7th EasyBuild User Meeting - Welcome!

https://easybuild.io/eum

2018 (Amsterdam, Netherlands)

2019 (Louvain, Belgium)

2020 (Barcelona, Spain)

7th EasyBuild User Meeting - Welcome!

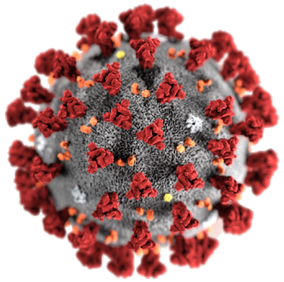
https://easybuild.io/eum

2018 (Amsterdam, Netherlands)

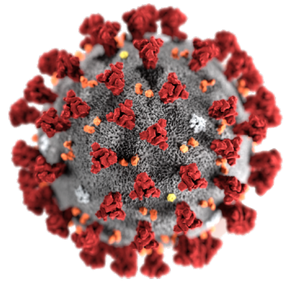
2019 (Louvain, Belgium)

2020 (Barcelona, Spain)

2021 (virtual)



Going (fully) virtual (again) at EUM'22



- Original plan was to organize next EUM in Sweden... Maybe in ~~2022~~ 2023?
- All EUM'22 talks are held via Zoom
- **Zoom links were only sent to speakers and registered attendees!**
- If you didn't register but would like join a Zoom session, contact eum@lists.ugent.be
- **Many thanks to Simon (Univ. of Birmingham) for hosting the Zoom sessions!**

Post-talk Q&A + informal discussion

- Registered attendees can ask questions live *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**
- Informal discussion can continue via Zoom breakout room
  - Breakout rooms are *not* recorded/streamed, overlaps with next session
- **Many thanks to Alan (CECAM) and Åke (Umeå Univ.) for helping with moderating!**

Live streaming & recording of all EUM'22 talks

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

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

- Talk recordings should be available there shortly after each talk
- Talks from all 6 previous EasyBuild User Meetings are also listed there, together with other talks on EasyBuild and related tools (see playlists)
- Join #eum channel in EasyBuild Slack for Q&A!
- **Many thanks to Alan O'Cais (CECAM) for the help with YouTube streaming!**

7th EasyBuild User Meeting - program

Mon 24 Jan 2022

https://easybuild.io/eum22#program

16:00 UTC

EasyBuild on LUMI,

a pre-exascale supercomputer

Kurt Lust (LUMI User Support Team)

17:00 UTC

State of the Union

Kenneth Hoste (HPC-UGent)

7th EasyBuild User Meeting - program

Tue 25 Jan 2022

https://easybuild.io/eum22#program

15:00 UTC

Site presentations

CECAM, BSC Earth Sciences, INUITS

16:00 UTC

CernVM-FS with Singularity/Apptainer

Davy Dykstra (Fermilab)

17:00 UTC

From Singularity to Apptainer

Forrest Burt (Ctrl. IQ, Inc.)

18:00 UTC

The Spack 2022 Roadmap

Todd Gamblin (LLNL)

7th EasyBuild User Meeting - program

Wed 26 Jan 2022

https://easybuild.io/eum22#program

14:00 UTC

A noob test: Spack "vs" EasyBuild

Jan-Patrick Lehr (TU Darmstadt)

15:00 UTC

EasyBuild for K8S-based Data Science Platforms

Guillaume Moutier (Red Hat)

16:00 UTC

Building a heterogeneous MPI stack with EasyBuild

Alex Domingo (VUB)

17:00 UTC

Getting started with EESSI

Thomas Röblitz (Univ. of Bergen)

18:00 UTC

Leveraging EESSI for WRF simulations at scale on Azure HPC

Hugo Meiland, Davide Vanzo (Microsoft Azure)

7th EasyBuild User Meeting - program

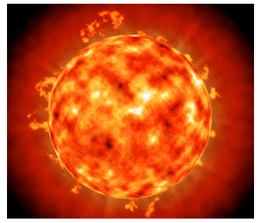
Thu 27 Jan 2022

https://easybuild.io/eum22#program

14:00 UTC

Modules 5

Xavier Delaruelle (CEA)



15:00 UTC

Simulating fusion plasmas

Thomas Hayward-Schneider (Max Planck)

16:00 UTC

ReFrame update

Vasileios Karakasis (CSCS)

17:00 UTC

Lmod and XALT: Updates

Robert McLay (TACC)

18:00 UTC

The Research Software Engineer Movement

Vanessa Sochat (LLNL)

7th EasyBuild User Meeting - program

Fri 28 Jan 2022

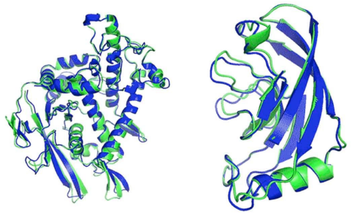
https://easybuild.io/eum22#program

14:00 UTC

Site presentations

SURF, JSC

15:00 UTC



AlphaFold: a new age for protein folding

Jasper Zuallaert (VIB-UGent)

16:00 UTC

Semi-automated workflow for adding software to EESSI

Bob Dröge (Univ. of Groningen)

17:00 UTC

AMD Instinct(tm) Accelerators and the ROCm(tm) Platform

Michael Klemm, Derek Bouius (AMD)

18:00 UTC

Creating an Open HPC Ecosystem with RISC-V

John D. Davis (BSC)