Session Program

26–30 Aug 2024

PyHEP.dev 2024 - "Python in HEP" Developer's Workshop

Kick-off talks

Aachen, Germany
Erholungs-Gesellschaft Reihstraße 13, 52062 Aachen

Monday 26 August

09:30

Kick-off talks
Session | **Location:** Aachen, Germany, Erholungs-Gesellschaft Reihstraße 13, 52062 Aachen

09:30–09:37 **Self-introduction: Eduardo Rodrigues**

Speaker
Eduardo Rodrigues

09:37–09:44 **Self-introduction: Juraj Smiesko**

Speaker
Juraj Smiesko

09:44–09:51 **Self-introduction: Jan Bürger**

Speaker
Jan Bürger

09:51–09:58 **Self-introduction: Jim Pivarski**

Speaker
Jim Pivarski

09:58–10:05 **Self-introduction: Lino Oscar Gerlach**

Speaker
Lino Oscar Gerlach

10:05–10:12 **Self-introduction: Josue Molina**

Speaker
Josue Molina

10:12–10:19 **Self-introduction: Ianna Osborne**

Speaker
Ianna Osborne

10:19–10:26 **Self-introduction: Máté Farkas**

Speaker
Mate Farkas

10:26–10:33 **Self-introduction: Yaroslav Nikitenko**

Speaker
Yaroslav Nikitenko

10:40–11:00 **Fast end-to-end analysis pipelines for the HL-LHC**

Speakers
Alexander Held, Oksana Shadura

11:00

Tuesday 27 August

09:00

Kick-off talks
Session | **Location:** Aachen, Germany, Erholungs-Gesellschaft Reihstraße 13, 52062 Aachen

09:00–09:07 **Self-introduction: Peter Fackeldey**

Speaker
Manfred Peter Fackeldey

09:01–09:06 **Self-introduction: Stefan Fröse**

Speaker
Stefan Fröse

09:07–09:14 **Self-introduction: Matthew Feickert**

Speaker
Matthew Feickert

09:14–09:21 **Self-introduction: Jonas Eschle**

Speaker
Jonas Eschle

09:21–09:28 **Self-introduction: Alexander Held**

Speaker
Alexander Held

09:28–09:35 **Self-introduction: Giordon Holtsberg Stark**

Speaker
Dr Giordon Holtsberg Stark

09:35–09:42 **Self-introduction: Marcel Rieger**

Speaker
Marcel Rieger

09:42–09:49 **Self-introduction: Jonas Eppelt**

Speaker
Jonas Eppelt

09:49–09:55 **Self-introduction: Alexander Heidelbach**

Speaker
Alexander Heidelbach

09:55–10:02 **Self-introduction: Vincenzo Eduardo Padulano**

Speaker
Dr Vincenzo Eduardo Padulano

10:02–10:32 **An overview of the fitting ecosystem**

Speaker
Jonas Eschle

10:32–10:52 **evermore: differentiable (binned) likelihoods in JAX**

Speaker

Manfred Peter Fackeldey

10:52

Wednesday 28 August

09:00

Kick-off talks
Session | **Location:** Aachen, Germany, Erholungs-Gesellschaft Reihstraße 13, 52062 Aachen

09:00–09:20 **Plothist - integrating with other histogram libraries (Remote talk)**

Speakers
Cyrille Praz, Tristan Fillinger

09:20–09:27 **Self-introduction: Saransh Copra**

Speaker
Saransh Chopra

09:27–09:33 **Self-introduction: Oksana Shadura**

Speaker
Oksana Shadura

09:33–09:40 **Self-introduction: Nikolai Hartmann**

Speaker
Nikolai Hartmann

09:40–10:00 **b2luigi — bringing batch 2 luigi!**

Speakers
Alexander Heidelbach, Jonas Eppelt

10:00–10:20
End-to-end workflow automation: updates of the luigi analysis workflow package

Speaker
Marcel Rieger

10:20–10:40 **waluigi - Beyond luigi**

Speaker
Benjamin Fischer

10:40–11:00 **offloading @ coffea**

Speaker
Benjamin Fischer

11:00

Thursday 29 August

09:00

Kick-off talks
Session | **Location:** Aachen, Germany, Erholungs-Gesellschaft Reihstraße 13, 52062 Aachen

09:00–09:05 **Job openings in the ROOT team**

Speaker
Dr Vincenzo Eduardo Padulano

09:05–09:12 **Self-introduction: Benjamin Fischer**

Speaker
Benjamin Fischer

09:12–09:18 **Self-introduction: Azzah Alshehri**

Speaker
Azzah Aziz Alshehri

09:25–09:45 **File synchronization between Linux systems in Python with yarsync**

Speaker
Yaroslav Nikitenko

09:45–10:05 **Architectural framework for data analysis Lena**

Speaker
Yaroslav Nikitenko

10:05–10:25
FCCAnalyses: A Framework for Future Circular Collider Physics Performance Studies

Speaker
Juraj Smiesko

10:25–10:45 **Bridging Python and Julia for Enhanced Data Analysis**

Speaker
Ianna Osborne

10:45–11:05 **A Deep Dive into PocketCoffea**

Speaker
Mate Farkas

11:05