



Karlsruhe Institute of Technology

ETP Monday Meeting

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A dark-themed banner for the ETP (Institute of Experimental Particle Physics). On the left, there is a snippet of Python code. In the center, the text 'Institut für Experimentelle Teilchenphysik (ETP)' is written in a large, white, serif font. On the right, the ETP logo is displayed, consisting of the letters 'ETP' in a bold, white, sans-serif font, with a stylized circular graphic to the right. Below the logo, the text 'Institut für Experimentelle Teilchenphysik' is written in a smaller, white, sans-serif font. At the bottom right, there is a stylized world map with white lines connecting various locations. The background of the banner features a network of white lines and dots, and a large, stylized green and black graphic on the left side.

```
def main(args, config):  
    logger.info(args)  
    import numpy as np  
    np.random.seed(int(config["seed"]))  
    import ROOT  
    ROOT.PyConfig.IgnoreCommandLineOptions()   
    import root_numpy  
    import matplotlib as mpl  
    mpl.use('Agg')  
    import matplotlib.pyplot as plt  
  
    import tensorflow as tf  
    logger.debug(tf.__file__)  
    tf.set_random_seed(int(config["seed"]))  
    from keras import set_session  
    tfconfig = tf.ConfigProto()  
    tfconfig.gpu_options.allow_growth = True  
    set_session(tf.Session(config=tfconfig))  
  
    from sklearn import preprocessing, model_selection  
    import keras.models  
    from keras.callbacks import ReduceLROnPlateau,  
        EarlyStopping, ModelCheckpoint  
  
    # Extract list of variables
```

Institut für Experimentelle Teilchenphysik (ETP)

ETP
Institut für Experimentelle Teilchenphysik

New Team Members

KSETA Workshop

- Mar. 13-15 in Wildberg



- <https://indico.scc.kit.edu/event/3745/overview>

KSETA Workshop



New ETP Wiki

■ wiki.etp.kit.edu

■ wiki admin: Greta Heine

■ to see contents: log in via ETP Gitlab account

■ structure

■ **ETP General** (wiki How To, organisational stuff, computing & infrastructure, etc)

■ **Belle II, CMS, DELight** specific pages

■ Admin area

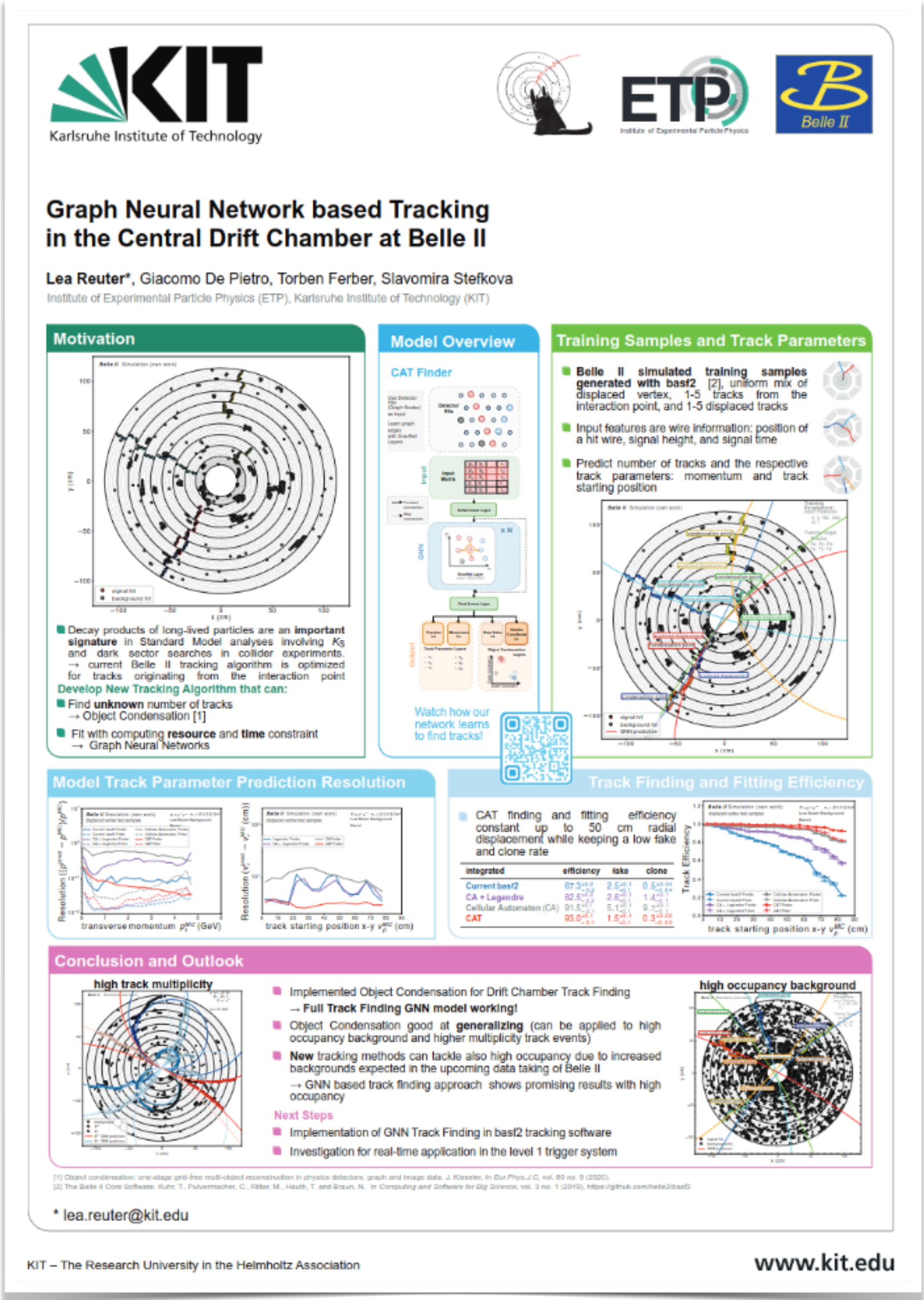
Everyone is responsible for maintenance of the wiki!



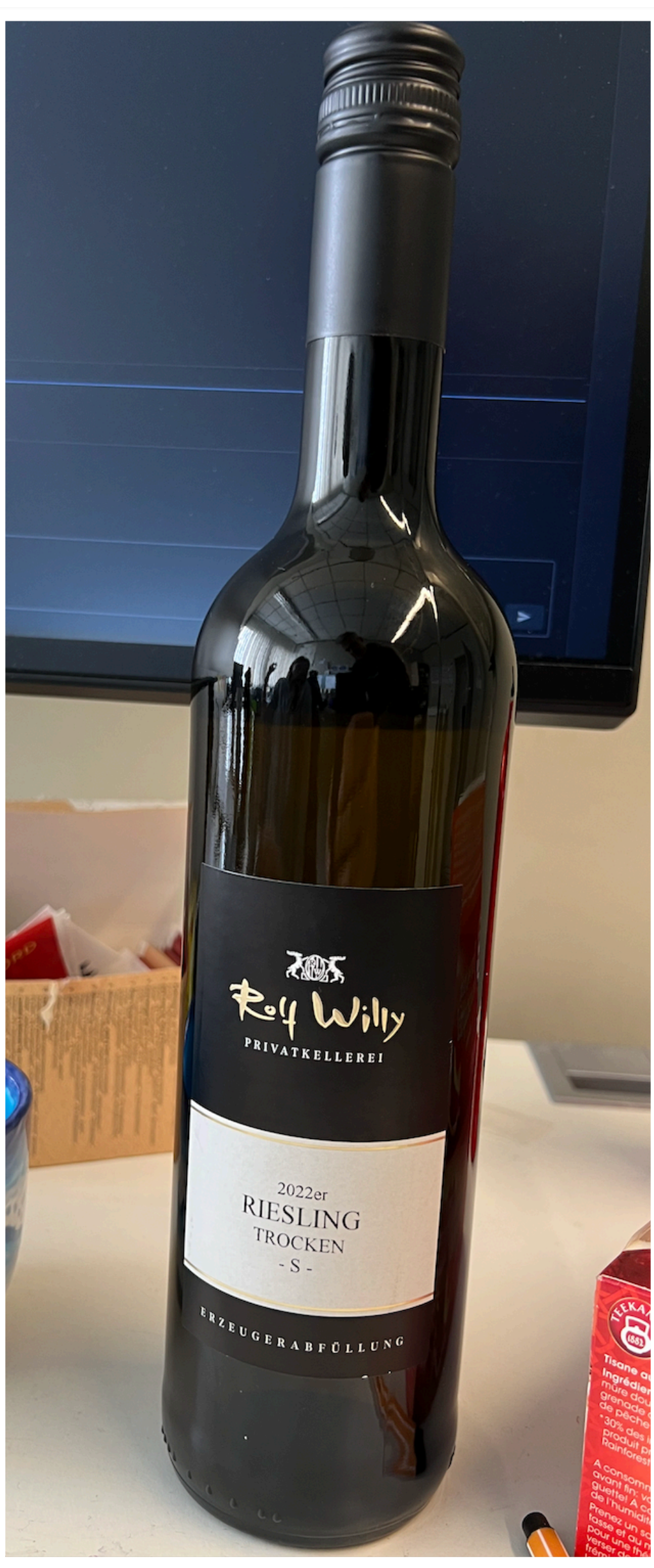
ETP General

1. How to use the Wiki
2. Organisational Stuff
 1. Onboarding Bachelor/ Master Thesis
 2. Onboarding PhDs
 3. Onboarding HiWis
 4. Thesis Writing and Goodbye
 5. HR and legal stuff
 6. Mailing Lists
3. Computing and Infrastructure
 1. ETP computing rules
 2. ETP user account and ETP resources
 3. File systems and backups
 4. Grid Certificate
 5. Personal Website
 6. Printing
 7. Tutorials
 8. Security at ETP
 9. List of admins
4. Best practices at ETP
 1. Deep Learning at ETP
5. Teaching
6. Outreach and Events
7. Logos and Templates
8. Policies and Procedures
9. FAQ

KSETA Workshop Poster - Congrats to Lea!



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ETP Events in 2024

- Most difficult step in planning events is finding the date.
- Here are (updated) proposals for 2024
 - Summer Party - 04.07.24 (Higgs turns 12!)
 - Summer Hike - week of July 29, 2024
 - Schloss Lichtspiele - 09.08.24
 - Christmas Party - 06.12.24 (Lily turns 12!)



Other events

- FCC community event May 22-24 in Bonn



Future Collider @ CERN

University of Bonn, 22-24 May 2024

With preparatory lectures for young researchers on the first day

- Physics case for a new $e^+ e^-$ collider
- Opportunities, challenges and options
- Midterm review of the FCC design study
- Potential German contributions to FCC-ee
- The path to the next EPPS-Update

Scientific organizing committee:
Erik Bründermann
Klaus Desch
Marumi Kado
Markus Klute
Karsten Köneke
Jenny List
Michael Lupberger
Tilman Plehn
Frank Simon
Markus Schumacher (chair)
Georg Weiglein

Local organizing committee:
Philip Bechtle
Florian Bernlochner
Ian Brock
Klaus Desch
Manuel Drees
Herbi Dreiner
Claude Duhr
Jochen Dingfelder
Christian Grefe
Ingrid-Maria Gregor
Tatjana Lenz
Matthias Schott

Other events



55. Herbstschule of High-Energy Physics 2024 (formerly Maria Laach)

		Mon	Tue	Wed	Thu	Fri	Sat	Sun
				4/9	5/9	6/9		
Week 1	7h30	Breakfast						
	09h00-09h55			SM - Melnikov	LHC - Kado	DM - Kahlhöfer	LHC - Kado	
	10h10-11h05			DM - Kahlhöfer	SM - Melnikov	LHC - Kado	SM - Melnikov	
	11h20-12h15			LHC - Kado	DM - Kahlhöfer	SM - Melnikov	Excerise	
	12h30	Lunch						
	14h30-16h00		Arrival	Excerise	Excerise	Excerise		
	16h30-18h00			Excerise	Groups	Groups		
	18h30	Dinner						
	20h00		Welcome - Lecture		Lecture			
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
		9/9	10/9	11/9	12/9	13/9		
Week 2	7h30	Breakfast						
	09h00-09h55	Quantum - Funcke	BSM - McCollough	Quantum - Funcke	QCD - Uwer	Quantum - Funcke		
	10h10-11h05	BSM - McCollough	QCD - Uwer	BSM - McCollough	BSM - McCollough	Flavour - Gersabeck		
	11h20-12h15	QCD - Uwer	Flavour - Gersabeck	QCD - Uwer	Flavour - Gersabeck	Closeout		
	12h30	Lunch						
	14h30-16h00	Excerise		Excerise	Groups	Departure		
	16h30-18h00	Groups		Free	Groups	Groups		
	18h30	Dinner						
	20h00	Lecture			Lecture			

Other events

- CHEP 2024
 - Abstracts by May 10
 - In CMS, April 2



October 19 - 25, 2024

CHEP 2024

Conference on Computing in High Energy and Nuclear Physics

19-25 Oct 2024
Europe/Zurich timezone

27^t
international
conference
**Cracow
Poland**

General

- Announcements
- Scientific Programme
- Important Dates
- Organization, Program Committee and Conveners
- Scientific Program
 - Call for Abstracts
- Code of Conduct
- Travel directions
 - About Kraków
 - Hotel suggestions
 - Visa Information
- Exhibit & Sponsorship Prospectus

Contact

✉ chep2024-general@cer...

Welcome!

The CHEP conference series addresses the computing, networking and software issues for the world's leading data-intensive science experiments that currently analyse hundreds of petabytes of data using worldwide computing resources.

The CHEP conference location rotates between the Americas, Asia and Europe, and is typically held eighteen months apart. The CHEP 2024 conference will be hosted by the AGH University of Kraków, Institute of Nuclear Physics Polish Academy of Sciences and Jagiellonian University.

More information will be provided as the conference date approaches.

Starts 19 Oct 2024, 08:00
Ends 25 Oct 2024, 17:00
Europe/Zurich

 CHEP2024 - invitation letter VISA purposes.docx
 chep2024_poster.jpg
 chep2024_sponsor_offer.pdf
Bulletins
 chep2024_bulletin_no_1.pdf

 **The call for abstracts is open**
You can submit an abstract for reviewing.

[Submit new abstract](#)

ArXiv - Recent

■ Lars Sowa