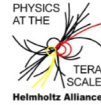




Helmholtz Alliance

PHYSICS AT THE TERASCALE



Deutsches Elektronen-Synchrotron DESY *** Karlsruher Institut für Technologie *** Max-Planck-Institut für Physik München ***
Rheinisch-Westfälische Hochschule Aachen *** Humboldt-Universität zu Berlin *** Rheinische Friedrich-Wilhelms-Universität Bonn ***
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Würzburg *** Bergische Universität Wuppertal ***

17th Terascale Detector Workshop March 17-21, 2025

Program:

- Detector R&D for future colliders
- Phase II upgrades ATLAS and CMS
- Phase IIb upgrades ALICE and LHCb
- Artificial intelligence for detectors

Detector school (March 17-18):
Micropattern gaseous detector

Rheinische Friedrich-Wilhelms-Universität Bonn

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Organizing Committee

Jochen Dingfelder, Doris Eckstein, Lutz Feld, Tobias Flick, Ulrich Husemann,
Oliver Kortner, Lucia Masetti, Andreas Mussgiller, Ulrich Parzefall,
Hans-Christian Schultz-Coulon, Felix Sefkow, Frank Simon, Arno Strässner

Local Organizers

Markus Ball, Florian Bernlochner, Klaus Desch, Yannick Dieter, Jochen Dingfelder,
Matthias Hamer, Philip Hauer, Fabian Hügging, Jochen Kaminski, Bernhard Ketzer,
Sebastian Neubert, Matthias Schott, Slavomira Stefkova, Marco Vogt

Website:

<https://indico.desy.de/event/47789/>



Please register by March 3, 2025

Welcome to the 17th Terascale Detector Workshop at Bonn University

17.2. – 21.3. 2025

Lutz Feld

(Chair Scientific Organizing Committee)

Organizing Committee

Jochen Dingfelder, Doris Eckstein, Lutz Feld, Tobias Flick, Ulrich Husemann,
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Local Organizers

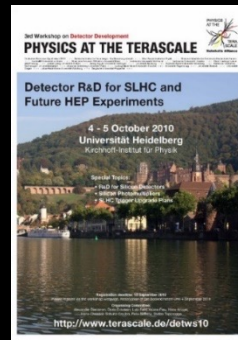
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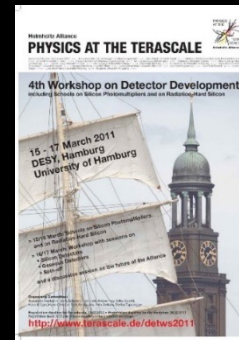
2008 Karlsruhe



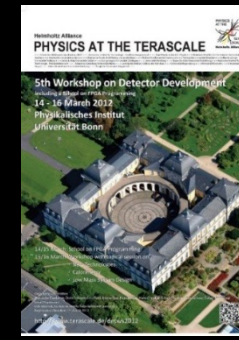
2009 Hamburg



2010 Heidelberg



2011 Hamburg



2012 Bonn



2013 Mainz



2014 Göttingen



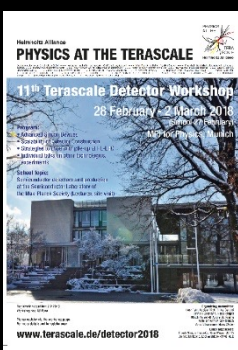
2015 Berlin



2016 Freiburg



2017 Hamburg



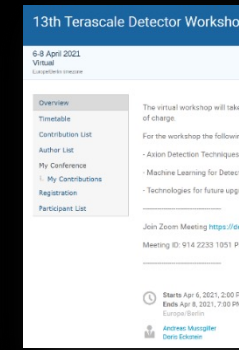
2018 München



2019 Dresden



2020 Hamburg



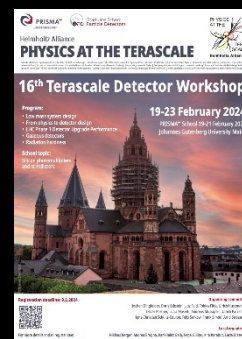
2021 Online
Host: DESY



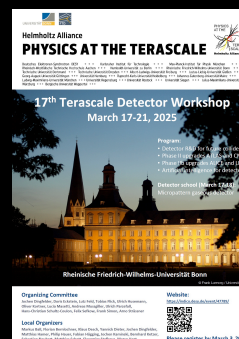
2022 Online
Host: Karlsruhe



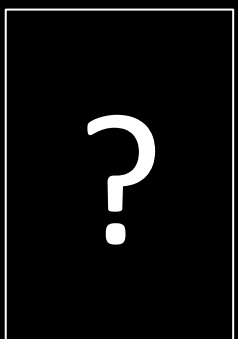
2023 Heidelberg



2024 Mainz

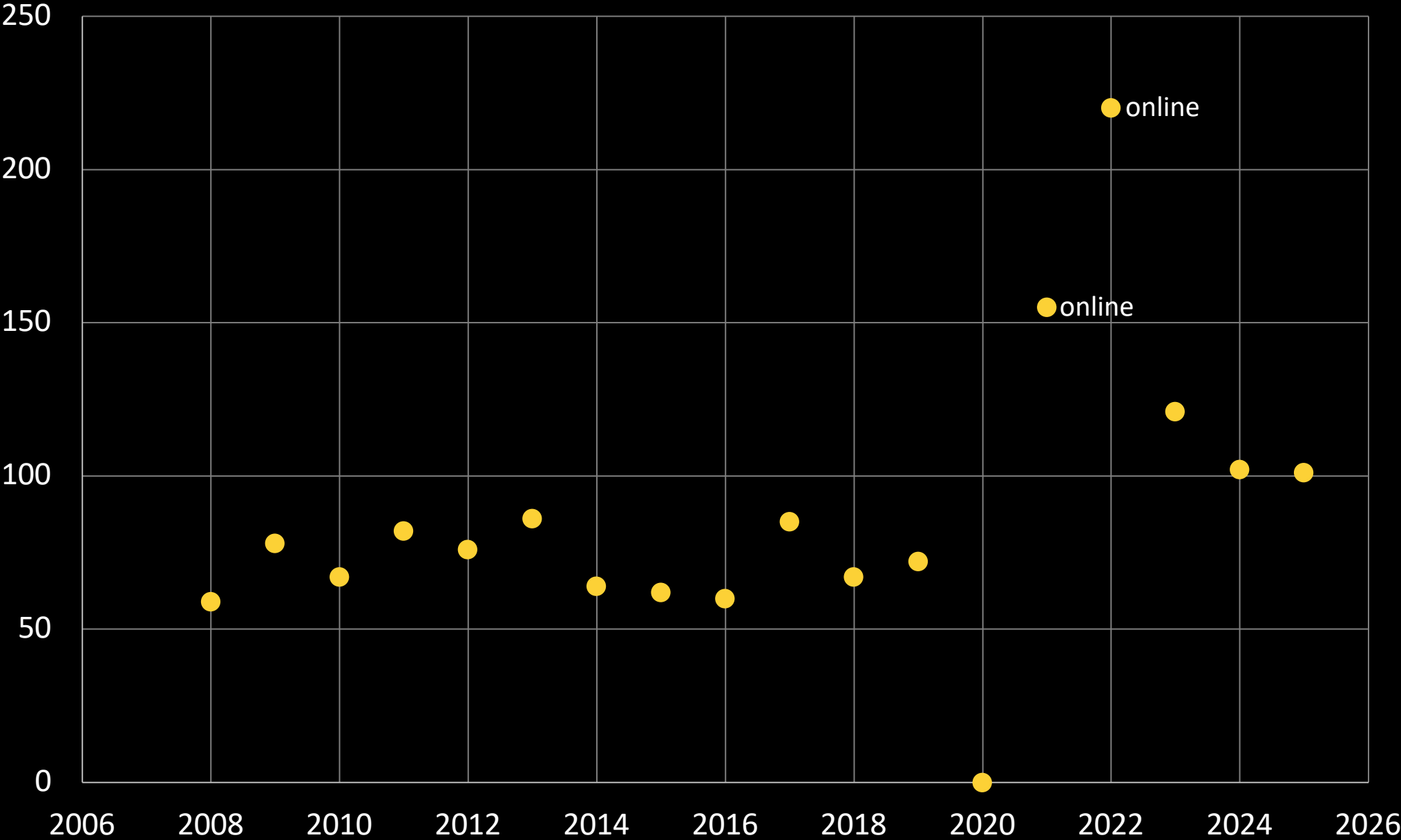


2025 Bonn



2026

Workshop Participants



Mon+Tue

Wednesday

Thursday

Friday

**Detector
School**

**Micro-
pattern
Gaseous
Detectors**

**Detector Consortia
Meetings**

Lunch

**Detector R&D for
Future Colliders**

Reception

**Phase II Upgrades
of ATLAS and CMS**

Lunch

**Phase IIb Upgrades
of ALICE and LHCb**

Dinner

**Artificial
Intelligence for
Detectors**

Lunch

**Detector Board
Meeting**

**This is a workshop!
Let's ask questions
and discuss!**