



LCTPC Speakers Bureau: 2021 – 2024 Summary Report

**Jochen Kaminski, Huirong Qi,
Akira Sugiyama, Maxim Titov (Chair)**

Annual LCTPC Collaboration Meeting, March 12 - 14, 2024

2021 LCTPC Collaboration (Related) Talks

- **2021 CPAD Workshop, Mar. 18 - 23, Virtual**
 - J. Kaminski, “TPC Development by the LCTPC Collaboration for the ILD Detector at ILC”, <https://indico.fnal.gov/event/46746/contributions/208077/attachments/141125/177798/LCTPC.pdf>
- **Technology & Instrumentation Particle Physics (TIPP2021), May 24 - 29, Virtual**
 - J. Kaminski, “TPC Development by the LCTPC Collaboration for the ILD Detector at ILC”, <https://indico.cern.ch/event/981823/contributions/4295343/attachments/2250465/3817454/LCTPC.pdf>
- **EPS Conference on High Energy Physics (EPS-HEP2021), Jul. 26-30, Virtual**
 - A. Bellerive, “TPC Developments by the LCTPC Collaboration for the ILD Detector at ILC”, https://indico.desy.de/event/28202/contributions/105730/attachments/67760/84530/LCTPC_EPS2021_edit.pdf
- **2021 IEEE NSS/MIC/RTSD Conference, Oct. 16 – 23, 2021, Virtual**
 - H. Qi, “Progress of TPC Detection Technology Development for ILD Detector at e+e- Collider”, <https://nssmic.ieee.org/2021/>
- **2021 CEPC International Workshop, Nov. 8 – 12, 2021, Virtual**
 - P. Kluit, “Towards a Pixel Time Projection Chamber”
https://indico.ihep.ac.cn/event/14938/contributions/35529/attachments/17407/19842/CEPC_pixelTPC_2021.pptx
 - H. Qi, “TPC prototype update R&D for the future e+e- collider ”,
https://indico.ihep.ac.cn/event/14938/contributions/35451/attachments/17304/19738/Satus_CEPC_TPC_20211109.pdf

2022 LCTPC Collaboration (Related) Talks

- **IAS Program on High Energy Physics (HEP 2023), Jan. 12-19, Hong Kong**
 - P. Kluit, “Pixelated Time Projection Chamber Tracker Detector Technology”, https://indico.cern.ch/event/1096427/contributions/4671385/attachments/2371853/4051779/HongKong_pixelTPC_2022.pdf
- **16th Vienna Conference on Instrumentation (VCI2022), 21-25 February 2022, Vienna, Austria**
 - J. Kaminski, ‘TPC Development by the LCTPC Collaboration for the ILD Detector at ILC’, <https://indico.cern.ch/event/1044975/contributions/4663794/attachments/2394332/4093572/LCTPC.pdf>
- **1st ECFA Workshop on e+e- Higgs/Top/EW Factories, Oct. 5-7, DESY Hamburg, Germany**
 - H. Qi, “High spatial resolution pad and pixelated TPC technology R&D for the e+e- collider”, https://indico.desy.de/event/33640/contributions/128390/attachments/77557/100324/ECFA_LCTPC_IHEP__Huirong_20220930.pdf
- **41st International Conference on High Energy Physics (ICHEP 2022), Jul. 6-13, Bologna, Italy**
 - M. Titov, “TPC Development by the LCTPC Collaboration for the ILD Detector at ILC”, https://agenda.infn.it/event/28874/contributions/169582/attachments/94433/129759/1_2022_07_BOLOGNA_ICHEP2022_LCTPC-COLLABORATION_TPC-DEVELOPMENT-FOR_HIGGS-FACTORIES_08072022.pdf
- **2022 IEEE NSS/MIC/RTSD Conference, Nov. 5 – 12, 2022, Milano, Italy**
 - H. Qi, “High Precision Pad and Pixelated TPC Technology Development for Electron Positron Collider”, <https://nssmic.ieee.org/2022>
- **2022 CEPC International Workshop, Oct 24 – 28, 2022, Beijing, China**
 - P. Kluit, “Pixelated TPC technology for the future e+e-collider”, <https://indico.ihep.ac.cn/event/17020>
 - P. Colas, “New ILD strategy and consequences on ILD tracking”, <https://indico.ihep.ac.cn/event/17020>
 - H. Qi, “Status of TPC R&D for the future e+e- collider”, <https://indico.ihep.ac.cn/event/17020>

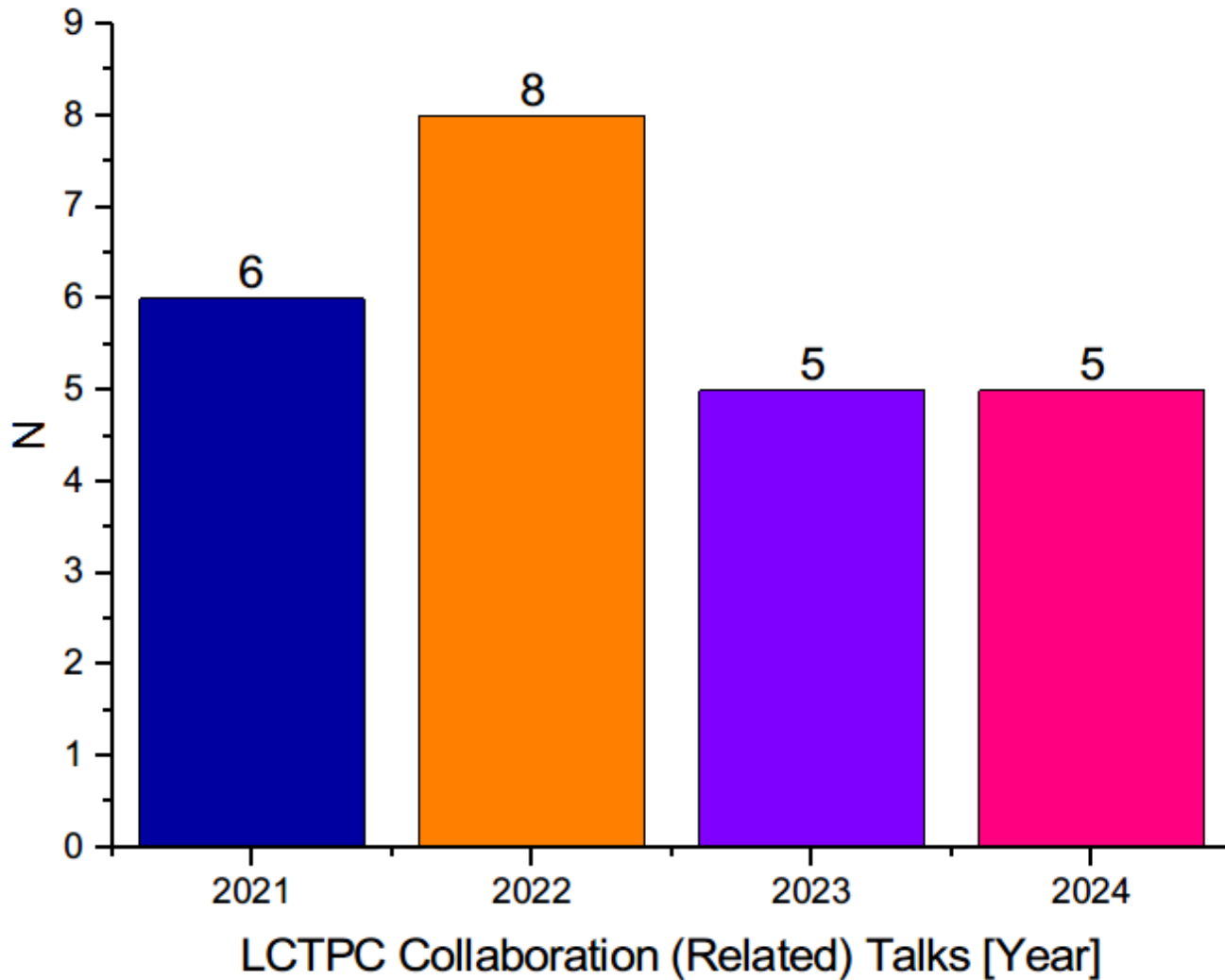
2023 LCTPC Collaboration (Related) Talks

- **IAS Program on High Energy Physics (HEP 2023), Feb. 12-16, Hong Kong**
 - H. Qi, “Status of Pixelated and Pad Readout TPC Technology R&D for Future e+e- Collider”,
https://indico.cern.ch/event/1215937/contributions/5262985/attachments/2592203/4473861/HKIAS_TPC_IHEP_Huirong_20230212.pdf
- **EPS Conference on High Energy Physics (EPS-HEP2023), Aug. 21-25, Hamburg, Germany**
 - J. Kaminski, “TPC Development for the ILD Detector at ILC (and other future colliders),
<https://indico.desy.de/event/34916/contributions/147146/attachments/84080/111324/LCTPC.pdf>
- **Technology & Instrumentation Particle Physics (TIPP2023), Sep.4-8, Cape Town, South Africa**
 - H. Qi, “TPC technology development for the ILD Detector at future e+e- collider”,
https://indico.tlabs.ac.za/event/112/contributions/2823/attachments/1209/1655/TIPP_LCTPC_IHEP__Huirong_20230906.pdf
- **2023 CEPC International Workshop, Oct 23 – 27, 2023, Nanjing, China**
 - J. Kaminski, “Pixelated TPC technology for the future e+e- collider”,
https://indico.ihep.ac.cn/event/19316/contributions/143556/attachments/72727/88644/CEPC_pixelTPC.pdf
 - H. Qi, “Update progress of TPC R&D for CEPC ”,
https://indico.ihep.ac.cn/event/19316/contributions/143563/attachments/72721/88637/CEPC_TPC_IHEP_Huirong_20231024.pdf

2024 LCTPC Collaboration (Related) Talks

- **IAS Program on High Energy Physics (HEP 2024), Jan. 8-26, Hong Kong**
 - S. Ganjour, “A TPC with Micromegas-based Readout at the Central Tracker for Future Colliders”, <https://indico.cern.ch/event/1335278/contributions/5733467/attachments/2786130/4857766/ias24.pdf>
 - H. Qi, “High Granularity Readout TPC Technology for future e+e- collider”, https://indico.cern.ch/event/1335278/contributions/5762529/attachments/2782624/4850378/HKIAS_TPC_IHEP_Huirong_20240118.pdf
- **42nd International Conference on High Energy Physics, Jul. 18-24, Prague, Czech Republic**
 - “TPC Development for the ILD Detector at ILC“, parallel session, submitted: <https://indico.cern.ch/event/1291157/abstracts/170461/>
- **3rd ECFA Workshop on e+e- Higgs/Top/EW Factories, Oct. 9-11, Paris, France**
 - contributions to be submitted
- **IEEE NSS MIC RTSD, Oct. 26 – Nov. 2, Tampa, Florida, USA**
 - H. Qi, “Status the high granularity readout TPC R&D at LCTPC collaboration“, submitted <https://nssmic.ieee.org/2024/>

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LCTPC Conference Cofluence Webpage (not publicly available anymore)
<https://confluence.desy.de/display/LCTPC/Conferences>