

TW HEP Meeting on 2021

Wednesday 20 January 2021 - Friday 22 January 2021

Tainan

Book of Abstracts

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Purpose of the meeting

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Purpose of the meeting

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TEXONO

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TEXONO ----- Henry Wong (15 min)

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BELLE

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BELLE ----- Minzu, Paoti (15 min)

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AMS

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AMS ----- Hsin Yi Chou (10 min)

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Nuclear

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Nuclear ----- Wen Chen Chang (15 min)

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KOTO

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KOTO ----- Yu Chen Tung (15 min)

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Daya Bay and JUNO status & results

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Daya Bay and
JUNO status & results – Bei Zhen Hu (20 min)

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Axion

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Axion ----- Shin Shan Yu (10 min)

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Heavy Ion

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Heavy Ion ----- Yi Yang, Chia Ming Kuo (15 min)

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CMS experiment Status and prospects

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CMS experiment Status and prospects

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ATLAS experiment Status and prospects

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ATLAS experiment Status and prospects

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CMS phase-II upgrade status report

CMS phase-II upgrade status report

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CMS phase-II upgrade financial status

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CMS phase-II upgrade financial status

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ATLAS phase-II upgrade status and financial

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ATLAS phase-II upgrade status and financial

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Review committee meeting

Review committee meeting

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CMS phase-II upgrade status report

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CMS phase-II upgrade status report

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ATLAS experiment Status and prospects

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ATLAS experiment Status and prospects

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Welcome

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Welcome

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MoST policy and expectations to HEP

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MoST policy and expectations to HEP

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Overview of HEP status

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Overview of HEP status

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Taiwan HEP Instrument Consortium: its Mission and Status

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Taiwan HEP Instrument Consortium: its Mission and Status

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Opening Ceremony

Opening Ceremony

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General Introduction to HEP Detectors

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General Introduction to HEP Detectors

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HEP semiconductor detectors

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HEP semiconductor detectors

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Other HEP detectors and applications

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Other HEP detectors and applications

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HEP electronics

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HEP electronics

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Summary of HEP and Industrial cooperation

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Summary of HEP and Industrial cooperation

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Activities at NCKU HEP group

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Activities at NCKU HEP group

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Anti-neutron tagging at BELLE

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Anti-neutron tagging at BELLE

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From 2D to 3D tracking trigger

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From 2D to 3D tracking trigger

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Beam position monitor for proton therapy

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Beam position monitor for proton therapy

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B to D* p nbar

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B to p Sigambar pi at Belle

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B to p Sigambar pi at Belle

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Low Thresold Germanium Detectors fro neutrino nucleus coher- ent scattering

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Low Thresold Germanium Detectors fro neutrino nucleus coherent scattering

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Light Dark Matter Searches with the CDEX experiment at the Jinping Underground Laboratory

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Light Dark Matter Searches with the CDEX experiment at the Jinping Underground Laboratory

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Next Generation Double Beta Decay Experiments and their Sensitivity projections

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Next Generation Double Beta Decay Experiments and their Sensitivity projections

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Search for H→ Z gamma with full Run-2 data in CMS

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Search for H→ Z gamma with full Run-2 data in CMS

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Higgs coupling measurements in the $H \rightarrow WW^*$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

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Higgs coupling measurements in the $H \rightarrow WW^*$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

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The assembly of sPHENIX INTT detector at the TIDC

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The assembly of sPHENIX INTT detector at the TIDC

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The asearch of the Dalitz Higgs with full Run-2 data in CMS

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The asearch of the Dalitz Higgs with full Run-2 data in CMS

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The measurement of various efficiencies with $Z \rightarrow \mu\mu\gamma$

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The measurement of various efficiencies with $Z \rightarrow \mu\mu\gamma$

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The angular distribution and flux variation of cosmic muons measured by the Hexadecagon

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The angular distribution and flux variation of cosmic muons measured by the Hexadecagon

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Summary of TIDC activities

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Summary of TIDC activities

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Measurement of VH production with H-> 2 photons at CMS

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Measurement of VH production with H-> 2 photons at CMS

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Measurement of VH production with H-> WW at CMS

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Search for Top FCNC with H -> 2 photons at CMS

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Search for CP violation in Top pair production and decay at CMS

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Future of HEP