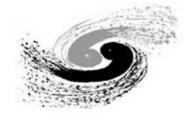
Introductory remarks

João Guimarães da Costa

December 18, 2019





Institute of High Energy Physics Chinese Academy of Sciences



Hong Kong Program and Conference

• Conference, January 20-22

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- http://iasprogram.ust.hk/hep/2020/
- Mostly settled but still waiting on a few potential speakers from europe (FCC, CLIC)
- Detector Mini-workshop Software and Physics Requirements for e+e-Colliders - Jan 16, 17
 - Day I: Physics requirements
 - Only missing theorist for the flavor physics requirements invitation out
 - Zhijun:Tracking requirements
 - Yong Liu: Calorimeter requirements
 - Day 2: Software framework settled
- Accelerator Mini-workshop Machine Detector Interface Jan 16, 17
- CEPC physics workshop, HK satellite meeting, organized by Manqi
 - Weekend before conference: Jan 18-19
 - No details so far



Other Future Events

• FCPPL, 27-30 Apr 2020 in Bordeaux

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- CEPC Workshop EU Edition, 4-6 May 2020, Marseille
 - https://indico.in2p3.fr/event/20053/
- 2nd USA Workshop in Washington, DC April 22-23
 - <u>https://indico.cern.ch/event/863751/</u>
 - First organizational meeting this Monday
 - Parallel sessions on tracking, calorimetry, common software and physics reach
 - Let me know if interested in participate
- 4th French Summer School on "Physics of the 2 infinities"
 - First 3 weeks of July 2020, in Marseille (CPPM) and Lyon (IP2I)
 - Organized with the support of the French Embassy in China and Campus France

• Next CEPC Work Day: December 30

- Back to focus on tracking detectors
 - TPC
 - Silicon Vertex Detector
 - Drift chamber and/or muRWell
- Top threshold running
- Documentation issues



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Physics and Detector Subgroup Conveners

Sub-groups

MDI:

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VTX:

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HCal:
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Muon:
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 Physics Analysis and Detector Optimisation: Ruan Manqi, ruanmq@ihep.ac.cn
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Li Qiang, qliphy@gmail.com
Li Gang, li.gang@mail.ihep.ac.cn

Magnet
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Zhao Ling, zhaoling@ihep.ac.cn

- Need to re-appoint several conveners and expand to include international participation
 - Several have stepped down
- Please send me nominations for **all** positions
 - Previous requests have resulted in very few nominations
 - Include nominations for national and international people
- The project leadership recognizes the need to renew this list
 - Should discuss further at steering group meeting on Dec. 30.



Physics and Detector Subgroup

- MDI
- Vertex
- Silicon Tracker
- Gas Tracker (includes TPC, Drift Chamber, etc)
- Electromagnetic Calorimeter
- Hadronic Calorimeter

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- Muon Detector
- Magnet
- TDAQ
- Physics Analysis and Detector Optimization
 - Software tools
 - Detector optimization
 - Physics

Merge to include DR calorimeter? Or, expand? I convener for each calorimeter?

Please provide suggestions on

subgroup structure as well

Split?



Other Conferences

- "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking detectors (HSTD12)
 - 15 December 2019

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- https://indico.cern.ch/event/803258/
- TREDI2020: I 5th Trento Workshop on Advanced Silicon Radiation Detectors 17-19 February 2020, TU Wien, Austria
- International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (Pixel2020), 14-18 December 2020, Santa Fe, New Mexico, USA
- 3rd FCC Workshop, CERN, Jan 13-17, 2020.