

PPP and Taiwan's HEP Community

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Academia Sinica and

National Center for Theoretical
Sciences

Past PPPs

- PPP1: Ken-Ting, May 22-23, 1992 (Cheng)
- PPP2: Ken-Ting, May 21-23, 1994 (Cheng)
- PPP3: Jin-San, Nov. 1996 (Geng)
- **NCTS established, Aug. 1997**
- PPP4: Kaohsiung, Jun.18-21,1998 (Cheng)
- PPP5: Chi-Pen, Nov. 8-11, 2000 (Li)
- **bcp1-3: NTU, 2001-2003 (Li)**
- PPP6: Yi-Lan, Jun. 5-8, 2005 (Cheung)



THE FIRST WORKSHOP ON
PARTICLE PHYSICS PHENOMENOLOGY

Program of PPP2

- **M. Neubert**: HQET
- **W.M. Zhang**: Light-front QCD
- **L.F. Li**: Spin Structure Functions in DIS
- **D. Chang**: CP Violation and Top Decay
- **H-n. Li**: Small-x physics (? B Decays)
- **C.Y. Cheung**: Chiral Dynamics of Heavy Hadrons
- **W.S. Hou**: CP Violation in B Decays
- **C.Q. Geng**: Kaon Decays in SM

Program PPP7

- B and CP
- Beyond SM
- QCD and Effective Theory
- Nuclear and Hadron Physics
- Collider Physics
- Neutrino Physics
- Cosmology
- Spectroscopy

Growth of our community

- After 15 years, Size,
Participants: 40 → 100
Institutions: few (AS, NCKU...) → > 10
- Diversity,
Fields: flavor physics → string, cosmology,
QCD, nuclear, lattice, neutrino,
astroparticle, exp...
Extension to other disciplines: condensed
matter, quantum information, biology...
- Internationalization (participants, postdocs)

For young physicists

- Encouraged to explore
Collider Physics
Gravity
Cosmology
....
- Waves behind push waves in front in Yangtze River.