

# **My Working Experience with Hai-Yang at AS**

蔡俊謙

Chun-Khiang Chua

CYCU

# How Things were Started

- ◆ I went to AS in Aug. 2003 and leave in July 2006
- ◆ Hai-Yang was my host
- ◆ We published 11 PRD papers in that period

# Our Research Topics

- ◆ Covariant LFQM:
  - ◆ B decay FF (P-wave [with CW Hwang],  $K^*\gamma$ , 2004)
  - ◆ Pentaquark (2 papers [1 with CW Hwang], 2004)
- ◆ FSI (2 papers, with Soni, 2005)
- ◆ 3 body B decays (with Soni, 2005)
- ◆ QCDF, B to Scalar mesons (with KC Yang, 2005)
- ◆ Charm hadrons in B decays (ccq baryon [with SY Tsai], meson, 2006)
- ◆ Scalar Glueball (with KF Liu, 2006)
- ◆ Some are well cited, one 250+, four 100+, two 50+ papers

# Routine Schedule

- ◆ I arrived at AS around 9 or 10 am  
(HY arrived much earlier 7 am?)
- ◆ I went to Hai-Yang office
- ◆ Reported or discussed on new finding, progress, questions, topics...
- ◆ Back to my office and started working
- ◆ Hai-Yang gave me a ride leaving around 5:40 pm, we discuss a lot of things during the rides
- ◆ This was my schedule from Mon-Friday  
(Hai-Yang +Saturday)

# Summer Break

- ◆ Hai-Yang leaves Taiwan every summer.
- ◆ Summer Break!
- ◆ No!                      In fact...
- ◆ Hai-Yang worked on the other side of the globe  
and I worked on this side
- ◆ We worked literally around the clock
- ◆ It was Summer No Break

# Selecting Topics/Scopes

- ◆ Hai-Yang pays close attention to new experimental results
- ◆ Hai-Yang pays close attention to new developments
- ◆ Cover as much results as possible
- ◆ We discussed topics together
- ◆ Some topics were solely initiated by him
- ◆ He didn't force me to accept/ work on his topics

# A good Listener

- ◆ We don't always agree with each other
- ◆ He respected my opinion even if he didn't agree
- ◆ I remember that we had different results on a problem
- ◆ The next day I reported and tried to clarify my point to him, he listened patiently behind his desk with a smile in his eyes
- ◆ After I finished my explanation, he told me that his result actually agreed with mine
- ◆ I was unable to see that. Probably because my focus was on conveying my point rather than on understanding his
- ◆ He is a better listener than me (see how good you are, especially when someone does not agree with you)

# Sharing Labors

- ◆ Hai-Yang wrote his own computer codes
- ◆ Hai-Yang made drafts at the early stages
- ◆ I mostly wrote the parts that I worked on
- ◆ He really shared labors/ the hard works, sometime even a large part of it
- ◆ I think he is a rather unique example
- ◆ He really enjoys “doing” physics



# A Visitor

- ◆ We once collaborated with a visitor (a senior faculty) at AS (he wanted to join our project)
- ◆ The visitor asked for my note, my code and I gave them to him...
- ◆ He then asked me to write the paper and I thought...
- ◆ “ It is enough ! ”
- ◆ I complained it to Hai-Yang
- ◆ He strongly disagreed with it and handled it immediately
- ◆ At the end we didn't finish that paper
- ◆ This is probably a rather unique counter example, the other extreme. HY at the very right end...

# Sharing Credits

- ◆ I was the corresponding author of most of our works
- ◆ Hai-Yang is very supportive
- ◆ For example, he shared his slides with me that consisted a large part of my talk at ICFP 2005
- ◆ I think most junior colleagues worked with him agree that he is very generous to junior people

# Sharing Experience

- ◆ I was doing my job search at the end of that period, sometime it can be very disappointing
- ◆ Hai-Yang taught me to overcome the depression by concentrating on Physics
- ◆ I saw him did that at his difficult time
- ◆ I suddenly realized that Physics is his refuge

# To Conclude the Working Experience

- ◆ It was a fruitful collaboration
- ◆ It is an enjoyable working experience
- ◆ Because...

◆ **Hai-Yang is a very Good Boss!**

◆ **He has set a very Good Example!**

◆ **Thank You!**