



# Asia Pacific Center for Theoretical Physics

<http://apctp.org>



October 7, 2014

ICTP 50<sup>th</sup>

Swan Kim, President of APCTP  
[swan@postech.ac.kr](mailto:swan@postech.ac.kr)



# In the beginning in Asia Pacific



Italy (ICTP)\*

People's Republic of China  
 Japan  
 Republic of Korea  
 Chinese Taipei  
 Thailand Viet Nam  
 Malaysia The Philippines  
 Singapore Australia



1990



1996

APPC, 1983

\* International Centre for Theoretical Physics (ICTP)

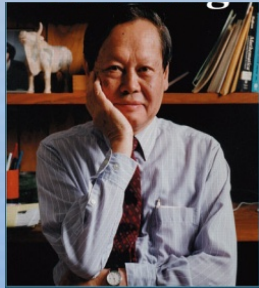




# Leadership of APCTP



## President



**Chen-Ning YANG**

1997~ 2000

Nobel Laureate  
in Physics, 1957



**Robert B. LAUGHLIN**

2004~ 2007

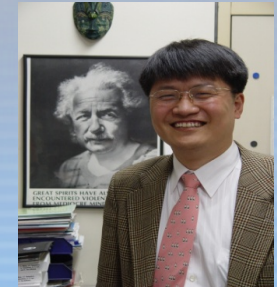
Nobel Laureate  
in Physics, 1988



**Peter FULDE**

2007~ 2013

Emeritus Director of Max Planck  
ck Institute for the Physics of  
Complex Systems

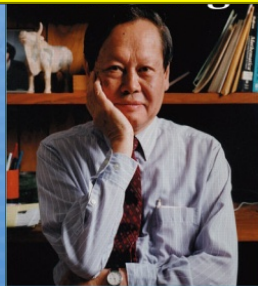


**Seunghwan KIM**

2013~ Present

Physics Prof. of  
Pohang Univ. of S&T

## Chairperson



**Chen-Ning YANG**

1997~ 2000

Nobel Laureate  
in Physics, 1957



**A. ARIMA**

2001~ 2005

Former Minister of  
Education, Culture  
Sports, Science and  
Technology



**N. V. HIEU**

2005~ 2010

Former President of  
National Centre for  
Science and Tech-  
nology of Viet Nam



**Won NAMKUNG**

2010~ 2013

Physics Prof. of Poh  
ang Univ. of S&T



**Paul A. PEARCE**

2013~ Present

Physics Prof. of M  
elbourne Univ.



# APCTP as a Platform in Asia Pacific



## I → Nurturing Young Scientists

- Junior Research Group (JRG) ~227♪
- Young Scientist Training Program (YST)



## II → Academic Activity Hub

- Conference / Workshop / School ~202♪
- Topical Research Program (TRP)



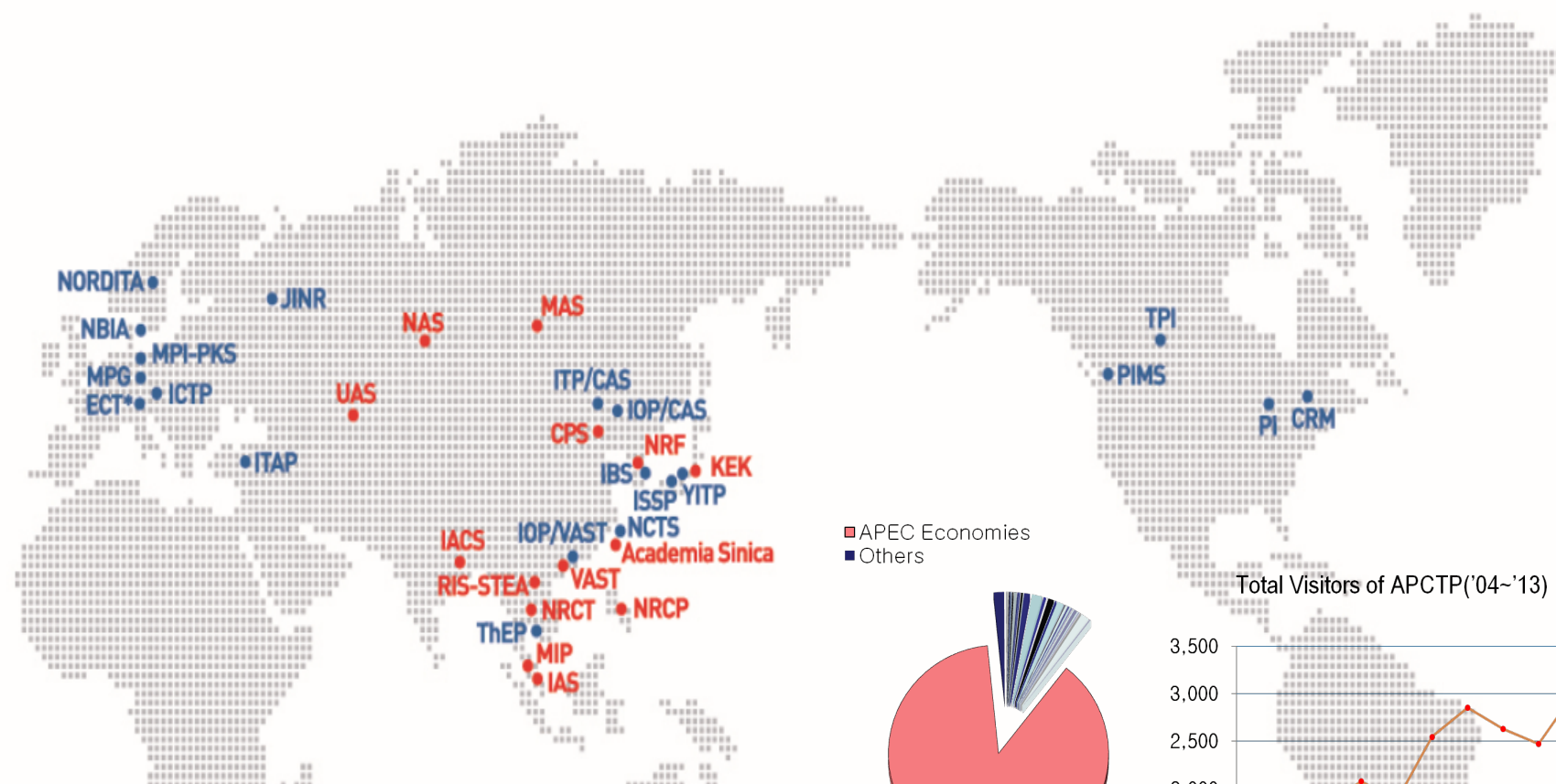
## III → Regional Cooperation

- External Activity ~100♪
- AAPPS Bulletin (with AAPPS)
- AP Cooperation Forum (with APEC)



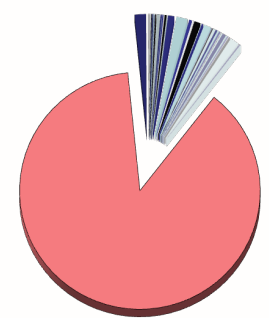


# Members and Cooperating Institutes



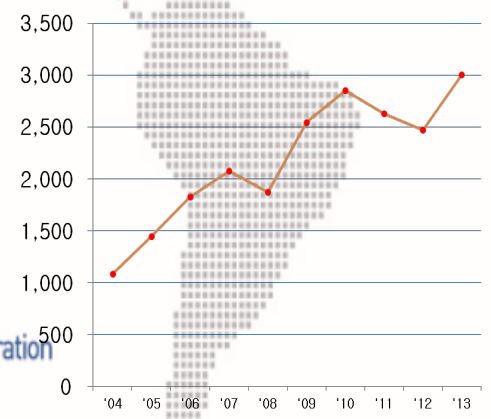
**Australia, People's Republic of China, India, Japan, Republic of Korea, Lao PDR, Malaysia, Mongolia, The Philippines, Uzbekistan, Singapore, Chinese Taipei, Thailand, Viet Nam, Kazakhstan**  
 ICTP, CRM, NCTS, PIMS, ECT\*, TPI, ITP/CAS, MPI-PKS, JINR, YITP, MPG, IOP/CAS, ISSP, AAPPS, IOP/VAST, PI, ITAP, The P,

■ APEC Economies  
 ■ Others



● International Cooperation  
 ● Member Countries

Total Visitors of APCTP ('04-'13)





# Future ...



APCTP has a unique, long-standing platform in AP  
and hopes a closer cooperation with ICTP...

- ❖ Develop collaborations on research topics of common interest
- ❖ Extend existing regional activities and networks in Asia-Pacific
  - Strengthen training for young scientists, information exchange, etc
- ❖ Use its new APEC endorsements to contribute to policy partnership to promote the dialogues between science and policy
  - Play a role in reducing the widening gap between north and south

Contribute to the common and shared mission of ICTP and APCTP





Thank you





# Mission of APCTP



## The Objectives

- ❖ Leading research excellence in the field of theoretical physics
- ❖ Facilitating international collaborations
- ❖ Contributing to the advancement of physics by training young scientists.

## Ongoing Missions

- ❖ Engaging in topical research in all areas of theoretical physics and beyond
- ❖ Pursuing regional academic collaborations and exchange of scholars
- ❖ Educating and training young scientists in the Asia-Pacific region

## Quick Status Report/ Summary **(Appendix 2)**

- ❖ Budget '14: ~4 million (USD)
- ❖ Personnel: In-house Researcher 35 / Staff 14
- ❖ Visitors: ~ 3,000 /year, Activities: ~ 50/year

