

CERN-Korea Theory

Deog-Ki Hong (PNU)

12th CKC, Oct. 29, 2012

First stage was successfully finished

(2009. 5. 1 - 2012. 4. 30 Total budget 900K CHF)

Name	Period	Position	Current
Hyun Min Lee	2010.1 - 2012. 5	Fellow	KIAS
Chul Kim	2010. 2. - 2011. 1	Fellow	Seoultech
Jin Ouk Gong	2010. 10 - 2012. 9	Fellow	APCTP
Myeonghun Park	2011. 10 - 2013. 9	Fellow	CERN
Chan Beom Park	2012. 10 - 2014. 9	Fellow	CERN
Jihun Kim	2010. 9 - 2011. 2	Student	Saclay
Doyoun Kim	2010. 9 - 2011. 2	Student	Monash
Kwangwoo Park	2011. 9 - 2012. 2	Student	SNU
Imtak Jeon	2011. 9 - 2012. 2	Student	Harish Chandra Inst.
Sanghak Im	2012. 10 - 2013. 3	Student	KAIST
Seodong Shin	2010. 8	Postdoc	SNU

Total 39 papers

One paper 50+

3 papers 30+

Second Stage

(2012 - 2015)

Deog-Ki Hong	PNU	Chair	P, H
Kiwoon Choi	KAIST	Steering	P, C
Soonkeon Nam	Kyunghee U.	Steering	S
Seong-Youl Choi	JNU	Steering	P
Su Houng Lee	Yonsei U.	Steering	H
Piljin Yi	KIAS	Steering/new	S
Hang Bae Kim	Hanyang U.		C
Seok Kim	SNU	New	S
Sang Min Lee	SNU	New	S
Seong Chan Park	SKKU	New	P

Total 10 prof's. (p: particle phenomenology, s: string th. c: cosmology, h: heavy ion th.)

Activities I

Development of Young Scientists

1. Every year we send one fellow for two years
2. We send one graduate student for six months at CERN every year
3. Every year we support one postdoc to participate CERN TH Institute

Activities II

Collaborations between participating professors
(From 2013?)

To co-organize one or two CERN TH Institutes every year

CONCLUSION

1. Theory collaboration is going well.
2. For the second stage we plan to expand our program to promote the intense collaborations.
3. We propose to co-organize one or two CERN TH Institutes every year.