

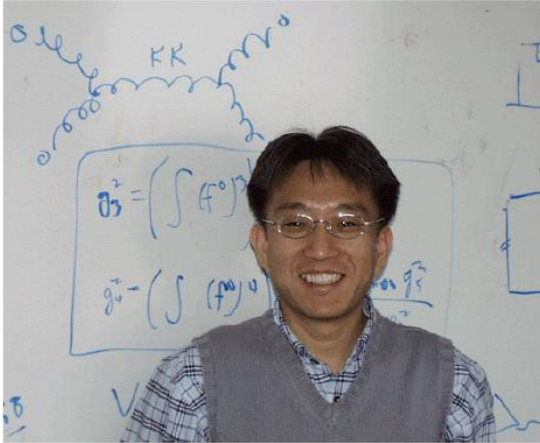
Association of Korean Physicists in America  
**AKPA Newsletter**

**Volume 27, Number 4**

**March 3, 2009**

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**1. Dr. Kyoungchul Kong, Winner of 2009 OYRA**



The OYRA committee chaired by Prof. Yong Wook Kim selected Dr. Kyoungchul Kong at the Fermi National Lab as the recipient of 2009 OYRA (Outstanding Young Researcher Award). Dr. Kong got his B.S. degree (1997) and M.S. degree from Pusan National University, and he obtained his Ph.D. degree from the University of Florida at Gainesville. He is a theoretical particle physicist, doing research on WIMP dark matter. WIMP (Weakly Interacting Massive Particles) is one of candidates for illusive dark matter. He will analyze results of the Large Hadron Collider at CERN to find properties of candidate particles for dark matter.

He was highly recommended by several scientists, and one of them wrote, “He is a remarkably talented particle theorist, among the very best that I have encountered in 20 years at Fermi Lab.”

In addition to Dr. Kong, three researchers were nominated for OYRA this year. Two other nominees are particle physicists also, and the other is doing molecular physics. All of them are outstanding young physicists. It is very nice to find that young Korean physicists are doing fine jobs.

The award will be presented at the annual AKPA meeting on March 18, 2009 at Pittsburgh.

The Award committee members are Prof. Yong Wook Kim (Chair, Lehigh Univ.), Prof. Jiyeong Gu (California State Univ. at Long Beach), Prof. Howard Lee (Georgia Tech), Prof. Eun-suk Seo (Univ. of Md.), and Dr. Hoydoo You (Argone National Lab). Their hard work for selecting the excellent recipient is appreciated.

## **2. AKPA Annual Meeting**

The AKPA annual meeting for 2009 is going to be held at 6:00 p.m. on Wednesday, March 18 at Sushi Kim Restaurant, 1241 Penn Ave, Pittsburgh, PA. This meeting will be held concurrently with the traditional APS March meeting of Korean physicists, some of whom are coming from Korea. Please see the last page for details.

## **3. Joint Reception Hosted by the FIP**

The Forum for International Physics (FIP) of APS will host a joint reception from 6:00 – 8:00 p.m. on March 17, Tuesday at Somerset Room, Westin Convention Center. AKPA as well as organizations of physicists from China, India, and other countries will jointly host the reception. Please come to this event.

FIP is an official organization of APS, and the objective of FIP is written in its Bylaws, “The objective of the FIP shall be the advancement and diffusion of the knowledge of physics by fostering communication and mutual understanding among physicists of all countries.”

## **4. Prof. Eun-suk Seo in the News**

A team lead by Professor Seo discovered an unknown “source” of very high-energy cosmic ray electrons last year through a balloon-born detector flying over the Antarctica. The source is estimated to be within 3,000 light years from the Solar System, considering synchrotron energy loss during their passage to Earth. One of the plausible explanations is that dark matter particles in a clump collide with each other to produce high-energy electrons.

The discovery of her team was widely reported in the news in November 2008. For more details, please see, for example, [www.reuters.com/article/scienceNews/idUSTRE4AI80X20081119](http://www.reuters.com/article/scienceNews/idUSTRE4AI80X20081119).

# 한인 과학 및 공학자 모임

## Traditional APS March Wednesday Dinner Meeting for 2009

Please join us at the Traditional APS March Dinner Meeting for the year 2009.

**Place: Sushi Kim Restaurant**

**1241 Penn Ave, Pittsburgh (412) 281-9956**



1. Start at Lawrence Convention Center going toward 10TH ST BYP (go 211 ft).
2. Bear on 10<sup>th</sup> ST BYP (go 0.1 mi).
3. Turn on 10<sup>th</sup> ST (go 0.15 mi).
4. Turn on PENN AVE (go 0.23 mi).
5. Arrive at 1241 PENN AVE on the left.

About 0.5 mi from the Convention Center (5 min walk)

**Time: 6:00 – 9:30 pm on Wednesday, March 18**

\* We can gather near the APS message board at the Convention Center by 5:50 pm and Walk together.

Cost: \$20 per person (Graduate Students: \$10)

Contact & information:

Ildoo Kim ([ildoo.kim@gmail.com](mailto:ildoo.kim@gmail.com)), U of Pittsburgh (Arranged this place.)

Sung Kwun Lyo ([sklyo@sandia.gov](mailto:sklyo@sandia.gov))

Yung Kee Yeo ([Yung.Yeo@afit.edu](mailto:Yung.Yeo@afit.edu))

Sponsors:

1. Association of Korean Physicists in America
2. Dr. Jin Joo Song

PS: This traditional annual APS March Wednesday Dinner Meeting has been held for the past three decades.