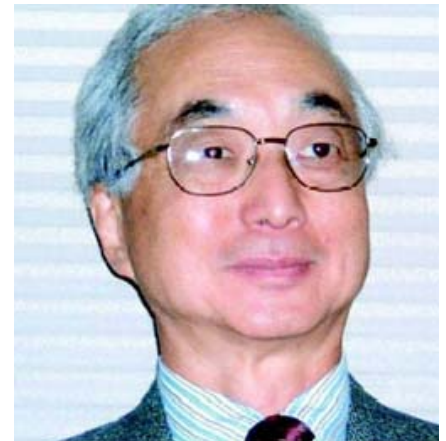


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The current and past AKPA newsletters are found in the AKPA website: <http://www.akpa.org/>.

1. Letter to the Editor

Dr. William Tong-II Chu
Senior Staff Scientist (Retired) and Participating Scientist
Lawrence Berkeley National Laboratory
The 8th President of AKPA (1986-1987)



Congratulations for pulling off the successful first-ever public lectures by AKPA for the Korean-American community. I hope that such public lectures will continue as a regular series year after year. The AKPA newsletter looks great also. For public lectures, we could go beyond Einstein and widen the field of topics to include, for example:

1. **Denuclearization of the Korean peninsula** (Framework of agreements of 1993, 2005 agreement, Yunbyun reactor, enriched uranium, and various nuclear weapons).
2. **Environment and technology** (Kyoto agreement, Chinese industrialization, burning fossil energy, hydrogen economy, solar energy).
3. **Cosmology and high-energy physics** (many laymen are enthused about supernova (ancient Korean observations), Big Bang and the expanding universe, the age of the universe, how studying the smallest (high-energy physics) helps explain the largest, dark matter and dark energy).

We should strive not only to just “revive” AKPA, but in fact to make it an “important” organization in the Korean-American society at large. I would like to urge that AKPA organize a series of public lectures for many years to come.

2. AKPA Outreach Lecture in Los Angeles

The third public lecture in the AKPA outreach program was held in the Greater Los Angeles area on Saturday, November 26, 2005. Dr. Taeil Bai of Stanford University, Vice President and President-elect of AKPA, gave a captivating lecture under the title “Mysteries of the Universe according to Modern Science” to an unexpectedly large audience of over 200 at the Korean United Presbyterian Church in Los Angeles.

The large turnout was somewhat unexpected, considering that it was during the weekend of Thanksgiving. The lecture lasted from 4:15 to 5:30, which was then followed by forty minutes of questions and answers, winding up the session around 6:10 pm. It may be noteworthy to point out that dozens of church ministers attended the public lecture. It is noteworthy because Saturdays are the busiest time for church ministers preparing for Sunday church activities.

The lecture in Los Angeles follows the successful initial lectures given in the San Francisco Bay Area and the Greater Washington DC area, as we reported in the November issue of the AKPA newsletter. This lecture, as well as the ones given in the past, was generously sponsored by the Korea-US Science Cooperation Center (KUSCO). The lecture in Los Angeles was also sponsored by the Korean-American Education Research Center, the Korea Times of Los Angeles and the Korean United Presbyterian Church.

AKPA is planning the fourth public lecture in the Greater Chicago area in early 2006 and as expounded by Dr. William T. Chu in the Letter to the Editor above, the program is expected to be expanded significantly in the near future. Below, we reproduce the news article as appeared in the November 28, 2005 issue of the Korea Times Los Angeles edition.

“우주는 지금도 진화중입니다”

한국일보 미주 본사

입력시간: 2005-11-28



▲ 배태일 교수가 우주의 신비를 주제로 강연하고 있다. <신호섭 기자>

배태일 한인물리학자협회장 강연회

재미 한인물리학자협회 차기 회장인 배태일 스탠포드대 교수가 26 일 나성한인연합장로교회 (담임목사 이영진)에서 ‘현대과학이 파헤치는 우주의 신비’를 주제로 강연회를 가졌다. 150 여명이 참석한 이 강연회는 알버트 아인슈타인이 상대성 이론, 광자효과 등 획기적 이론을 발표한지 100 년을 맞아 국제 물리학 단체들과 유네스코 등에서 올해를 ‘세계 물리학의 해’로 선언한 것을 기념하기 위해 열렸다. 창조론에 익숙한 한인들은 진화 중인 우주에 대한 설명하는 한인 과학자의 강의를 2 시간이 동안 흥미 있게 경청했다. 배 교수는 연방 우주항공국(NASA)와 유럽 우주기구(ESA)가 발사한 태양풍 관측 인공위성 ‘소호’ 프로젝트를 주도하기도 한 학자로 태양 흑점 단기 및 근본 주기를 새로 밝히는 학설을 발표해 학계 관심을 끌기도 했다. <김경원 기자>

3. Dues and Contributions

**As of November 30, 2005, dues
and contributions received:**

\$10,125.00

An Interim Report (November 30, 2005)

Organizations

- \$5,000:** Korea-US Science Cooperation Center (KUSCO)
\$400: Korean General Consulate in San Francisco

Individual Members

- \$1,000 and up:** Prof. Ho Jung Paik (Maryland) (26th President of AKPA)
 Prof. Yong W. Kim (Lehigh) (12th President of AKPA)
- \$500 - \$999:** Prof. Moo-Young Han (Duke) (7th President of AKPA)
- \$300 - \$499:** Dr. Taeil Bai (Stanford) (26th President-elect of AKPA)
 Prof. Ki-Hyon Kim (NC Central) (6th President of AKPA)
- \$200 - \$299:** Prof. Yoonsoo Park (SNU, Visiting) (4th President of AKPA)
 Prof. Saeyoung Ahn (SNU, Visiting) (17th President of AKPA)
 Prof. Eun-Suk Seo (Maryland)
- \$100 - \$199:** Prof. Yeong Ell Kim (Purdue) (10th President of AKPA)
 Prof. Nowhan Kwak (Kansas) (15th President of AKPA)
 Prof. Yung Kee Yeo (Air Force)(20th President of AKPA)
 Dr. William T. Chu (Berkeley) (8th President of AKPA)
 Dr. Sungkwun Lyo (Sandia) (23rd President of AKPA)
 Prof. Yoonseok Lee (Florida)
 Prof. Byungwoo Park (SNU)
- Up to \$99:** Prof. M. Howard Lee (Georgia)
 Prof. Young Huh (South Dakota)
 Dr. Shun-Yong Zinn (Maryland)

This is an interim report as of November 30, 2005. Dues and contributions are received all year around. Next interim report will be made after February 28, 2006.

4. Invitation to Join AKPA

We would like to invite *all of you* to become members of AKPA. AKPA has three kinds of membership: (1) **Regular Member:** ethnic Korean physicists (with a B.S. degree and beyond in physics or equivalent) residing in North America, (2) **Associate Member:** ethnic Korean students in physics or physics related area in the colleges and graduate schools in North America, (3) **Corporate/Honorary Member:** individual/organization who/that contributed (\$100 or more) to AKPA or contributed to the progress and dissemination of physics. Your membership fee and generous contribution will permit AKPA to carry out many of its envisioned activities.

You can now pay your due or send your contribution *electronically*. Please go to www.akpa.org, register as a member, and follow the instruction for electronic payment. Or if you prefer, you can still mail your check to our Treasurer, Professor Eun-Suk Seo at the Institute for Physical Science and Technology, University of Maryland, College Park, MD 20742. The annual membership fee for regular members is \$25. If you are a student, do not worry about the fee because we are in the process of eliminating the \$5 fee for the associate membership.

5. OYRA Recipients (3)

Dr. Kyung-Won An was the 1996 recipient of the OYRA award of AKPA. The award was given in April of 1996 at the annual meeting of AKPA in Indianapolis. At the time of the award, Dr. An was a research faculty at MIT where he received his Ph.D. in 1994. He is now an associate professor of physics at Seoul National University, where he is one of the principal investigators of the optics group there. At MIT, his research was on the development of the single-atom laser. His website is at <http://magental.snu.ac.kr/~kwan> and the optics group website is at <http://sal1.snu.ac.kr/members.htm>.



6. 2006 OYRA Announcement

INVITATION TO NOMINATE THE 2006 AKPA OUTSTANDING YOUNG RESEARCHER AWARD (OYRA)

PURPOSE: To recognize and promote excellence in research by outstanding young ethnic Korean physicists in North America who are working at research universities/institutions, or at industrial/government laboratories in North America. The OYRA has been awarded annually by the Association of Korean Physicists in America (AKPA) since 1994.

QUALIFICATION and NOMINATION: Candidates are limited to those who received the doctoral degree after January 1, 2001, and are to be nominated by the Chair or Head of the Department where they are employed or by the candidate's former thesis advisor in a letter detailing the importance and impact of the candidate's work. Supporting documents should include the candidate's curriculum vitae with representative publications and three letters of recommendation.

DEADLINE: December 15, 2005 for nominations and January 15, 2006 for supporting documents. The awardee will be selected by the Awards Committee, consisting of: Prof. Kyungsik Kang, Chair (Brown U.), Prof. Kwang-Je Kim (Argonne National Lab and U. Chicago), Prof. Yoonseok Lee (U. Florida), Prof. M. Howard Lee (U. Georgia), and Prof. Yong Wook Kim (Lehigh U.).

PRESENTATION: The award of \$1,500 with a plaque will be presented at the AKPA annual meeting, which will be held in conjunction with Wednesday evening dinner, on March 15, 2006 during the American Physical Society March Meeting in Baltimore, MD. The exact location of the annual meeting and time will be announced later.

Nominations and supporting letters are to be sent electronically, preferably in PDF form, to Professor Kyungsik Kang, Chair, AKPA OYRA Committee at kang@het.brown.edu and a copy to Professor Ho Jung Paik, President, AKPA at hpaik@physics.umd.edu.

7. Obituary: Dr. Young Ja Kang Kim

Dr. Young Ja Kang Kim, Professor Emeritus of Demographics at the Bloomberg School of Public Health of the Johns Hopkins University died suddenly on October 27, 2005, due to injuries sustained in a traffic accident near the town of Timonium, Maryland, a suburb of Baltimore. She was 71 years old. She was the wife of 44 years of Professor Chung-Wook Kim, Professor Emeritus of Physics of the Johns Hopkins University and the Korea Institute of Advanced Study. Professor C. W. Kim was the 11th President of AKPA during 1989-1990.



Born Young Ja Kang in Tokyo, she initially studied physics and earned a Bachelor of Science degree in 1958 at Seoul National University. She and her husband, Chung-Wook Kim, moved to Baltimore in 1966 as he joined the Johns Hopkins faculty and she earned a doctorate in Biostatistics there. She retired in 2004 but taught at the Bloomberg School until her death. She is survived by her husband, a daughter Janet Cahill and her husband Andy of Boston, and two grandchildren Christine and Jack. Funeral service was held in Timonium on November 2, 2005.

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Publisher: Professor Ho-Jung Paik, President

Editor: Professor Moo-Young Han, Editor-in-Chief