

Name Kevin Insik HAHN
Affiliation Ewha Womans University
Department of Science Education (Professor)
Department of Physics (Adjunct Professor)
<http://my.ewha.ac.kr/ishahn/> Email: ishahn@ewha.ac.kr
(Phone) +82-2-3277-3488 (fax) +82-2-3277-2684



Education

1993 Ph.D. in Nuclear Astrophysics, Yale University
1989 MS in Physics, Yale University
1984 BS in Physics, UCLA

Positions held

1999-present Professor, Department of Science Education, Ewha Womans University, Korea
2014-2016 Visiting Scholar, RISP and the Center for Underground Physics, IBS, Korea
2008-present Visiting Professor, University of Houston, Houston, Texas, USA
1995-1997 Research Fellow, RIKEN, Japan
1993-1995 Research Fellow, Caltech, USA

Awards & Honours

Outstanding faculty in research, Ewha Womans University (2017, 2018)
Outstanding faculty in research grant, Ewha Womans University (2006)
RIKEN Fellow (1996-1997)

Selected committee work

2013-present Member of the RISP Scientific Program Advisory Committee, IBS, Korea
2018-present Board member of the RAON Users Association
2015-2016 Board member of the Korean Physical Society
2014-2018 Board member of Asian Nuclear Physics Association (ANPhA)
2017, 2019 International Advisory Committee for the Symposium on Origin of Matter and Evolution of Galaxies (OMEG), Daejeon, Korea (2017) and Kyoto, Japan (2019)

Five selected (recent) publications

1. A. Kim, N. H. Lee, M. H. Han, J. S. Yoo, **K. I. Hahn***, H. Yamaguchi, S. M. Cha, K. Y. Chae, M. S. Kwag et al.
Measurement of the $^{14}\text{O}(a,p)^{17}\text{F}$ cross section at $E_{\text{c.m.}} = 2.1\text{-}5.3$ MeV
Physical Review C **92**, 035801 (2015)

2. D. Kim, G. W. Kim, S. Y. Park, A. Kim, **K. I. Hahn***, K. Abe, O. Beliuskian, S. Hayakawa, N. Imai et al.
Study of ^{19}F Levels with $E_x = 6.7 - 7.7$ MeV by the $^{15}\text{N} + a$ Scattering Experiment
Journal of the Korean Physical Society **73**, 265 (2018)

3. G. Adhikari, P. Adhikari, E. B. de Souza, N. Carlin, S. Choi, M. Djamel, A. C. Ezeribe, C. H. Han, **I. S. Hahn** et al.
An experiment to search for dark-matter interactions using sodium iodide detectors
Nature **564**, 83 (2018)

4. C. Aidala, Y. Akiba, M. Alfred, V. Andrieux, K. Aoki, N. Apadula, H. Asano, C. Ayuso, ... **K. I. Hahn** et al.
Creation of quark-gluon plasma droplets with three distinct geometries
Nature Physics **15**, 214 (2019)

5. H.N. Liu, A. Obertelli, P. Doornenbal, C.A. Bertulani, G. Hagen, J.D. Holt, G.R. Jansen, ..., **K.I. Hahn** et al.
How Robust is the $N = 34$ Subshell Closure? First Spectroscopy of ^{52}Ar
Physical Review Letters **122**, 072502 (2019)