

Curriculum Vitae

■ Personal Data

Name: Chang Beom Ahn

Title: Professor, Department of Electrical Engineering, Kwangwoon University

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Department of Electrical Engineering
Kwangwoon University
20 Kwangwoon-ro, Nowon-gu
Seoul 01897, Korea

■ Education

- 1983 - 1986 Ph.D. in Electrical and Electronic Engineering, Korea Advanced Institute of Science and Technology (KAIST).
- 1981 – 1983 M.S. in Electrical and Electronic Engineering, Korea Advanced Institute of Science and Technology (KAIST).
- 1977 – 1981 B.S. in Electronic Engineering, Seoul National University.

■ Experience

- 1992 – present: Professor, Department of Electrical Engineering, Kwangwoon University
- 2012 – 2014: President, Korean Society of Magnetic Resonance in Medicine (KSMRM)
- 1998 – 2008: Editor-in-chief, Journal of Korean Society of Magnetic Resonance in Medicine (KSMRM)
- 2005 – 2008: Director, Business Incubation Center, Kwangwoon University
- 2004 – 2005: Scientific Program Chair, Annual Conference of Korea Society of Medical and Biological Engineering (KOSOMBE)
- 1995 – 1999: Editor-in-chief, Journal of Korean Society of Imaging Science and Technology
- 2001 – 2002: Visiting Researcher, University of California, Irvine, USA
- 1996 – 1998: Chairman, Department of Electrical Engineering, Kwangwoon University
- 1991 – 1992: Associate Professor, Korea Academy of Industrial Technology
- 1986 – 1991: Assistant Adjunct Professor, University of California, Irvine
- 1985 – 1986: Visiting scientist, University of California, Irvine
- 1983.9 – 12: Visiting scientist, Siemens, Erlangen, Germany

■ Honors and Awards

- Fellow (2016.05), International Society for Magnetic Resonance in Medicine, Contribution to “Spiral-Scan Imaging and Magnetic Resonance Microscopy.”
- Best Scientific Paper Award (2012.03), Korean Society of Magnetic Resonance in Medicine, Title of the paper: "Water-Fat Imaging with Automatic Field Inhomogeneity Correction Using Joint Phase Magnitude Density Function at low Field MRI."
- Gurbert Best Paper Award (2008), Korean Society of Magnetic Resonance in Medicine, Korea.
- Best Teacher Award (2005), The 1st Best Teacher Award by Kwangwoon University, Korea.
- Best Paper Award (2004), Title of the paper: “Analysis of Quantization Noise in Magnetic Resonance Imaging Systems,” Korean Society of Magnetic Resonance in Medicine, Korea.
- Most Frequently Cited Paper (2000) published in the IEEE Transactions on Medical Imaging in 1986, Title of the paper: "High-speed Spiral-scan Echo Planar NMR Imaging-I."
- IR52 Chang Young Shil Award (1997), Innovation Research Award for the “Development of 1.0Tesla Magnetic Resonance Imaging System,” Minister of the Science and Technology, Korea.
- Medison Medical Engineering Award (1996), Korean Society of Medical and Biological Engineering.
- Sylvia Sorkin Greenfield Award (1988), the Best Paper Award, American Association of Physicists in Medicine (AAPM), 1989. Title of the paper: "NMR microscopy with 4 μm resolution - Theoretical study and experimental results."
- Published in Marquis Who's Who in Science and Engineering, 9th, 10th, 11th, 12th ed., 2006-2017.
- Published in Marquis Who's Who in the World, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd ed., 2008-2015.

■ Organizer of International / Domestic Conferences

- Chair (2014), Organizing Committee, 2014 International Congress on Magnetic Resonance Imaging & Annual Scientific Meeting of KSMRM (ICMRI 2014)
- Chair (2013), Organizing Committee, 2013 International Congress on Magnetic Resonance Imaging & Annual Scientific Meeting of KSMRM (ICMRI 2013)
- Chair (2008), Organizing Committee, 2008 Korea Signal Processing Conference (KSPC 2008), Organized by IEEK, KICS, ASK, and KSBE, 2008.10.
- Chair (2007), Scientific Committee, 2007 Korea Signal Processing Conference (KSPC 2007), Organized by IEEK, KICS, ASK, and KSBE, 2007.10.

■ Professional Society Memberships

- Fellow, *International Society of Magnetic Resonance in Medicine (ISMRM)*
- Senior Member, *Institute of Electrical and Electronics Engineers (IEEE)*
- Life member, *Korean Society of Magnetic Resonance in Medicine (KSMRM)*
- Life member, *Korean Society of Medical and Biological Engineering (KOSOMBE)*
- Life member, *Institute of Electronics and Information Engineers (IEIE)*