



• Field High speed semiconductor design
• Name Moon, Gyu
• Title Director of the Research Institute for Information and Electronics

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■ Educational background

1990 ~ 1993 Doctor of George Washington University (Electrical and Computer Engineering)
1988 ~ 1990 Master of George Washington University (Electrical and Computer Engineering)
1978 ~ 1982 Bachelor of Seoul National University (The Department of Control and Instrumentation Engineering)

■ Major careers

2015.02 ~ 2016.08 Director of the Research Institute for Information and Electronics
2013.08 ~ 2014.12 Dean of the College of Information and Electronics Engineering
2008 ~ 2011 Team Leader of GOAL-NURI Business
2008.10 ~ 2009.08 Team Leader of U-Health Business
2005.07 ~ 2006.06 Team Leader of U-Health Business
2005 ~ 2006 Team Leader of GOAL-NURI Business
2002.02 ~ 2003.01 Dean of Division of Information and Communication Engineering
2001.02 ~ 2002.01 Professor in charge of Multimedia Communication
1999.04 ~ 2001.03 Director of the Information and Electronics Research Institute, Hallym University
1999.03 ~ 2000.02 Professor in charge of Bachelor of Engineering
1995.02 ~ 1996.01 Dean of the Electronic Control Engineering
1993.11 ~ 1994.02 Dean of the Bachelor of Engineering
1982 ~ 1987 Researcher of the Electronics and Telecommunications Research Institute
1999.03 ~ 2000.02 Professor in charge of Bachelor of Engineering
1995.02 ~ 1996.01 Dean of the Electronic Control Engineering
1993.11 ~ 1994.02 Dean of the Bachelor of Engineering
1982 ~ 1987 Researcher of the Electronics and Telecommunications Research Institute

■ Studies & Books

■ Theses

- Silicon Implementation of pulse Coded Neural Networks coauthor for a chapter, kluwer Academic Publishers, (1994)
- Origins: Brain and Self Organization coauthor for a chapter. Lawrence Erlbaum Associate. (1994)
- G. Moon, M. Zaghloul, and R. Newcomb, "An Enhancement-Mode MOS Voltage-Controlled Linear Resistor with Large dynamic Range", IEEE Trans. on Circuits and Systems, pp. 1284-1288, Vol. 37, no. 10, October, (1990)
- G. Moon, Zaghloul, and R. Newcomb "VLSI Implementation on Synaptic Weighting and Summing in pulse coded Neural-Type Cell", IEEE Trans. on neural Networks. pp. 394-403, Vol. 3, no. 3, May, (1992)
- G. Moon and C. Lin, C. shi, M. Ismail "A 5MHz Nyquist Rate Continuous-Time Sigma-Delta Modulator for Wideband Wireless Communication", accepted for IEEE International Symposium on Circuits and Systems. Orlando, USA, June, (1999)
- Gyu Moon, Kiseop Lee, Kenny Byrd, Harold Szu, "Ubiquitous-Health Monitoring Systems for Elders and Caregivers," Orlando, FL, USA SPIE (2011)
- Gyu Moon 외 6명 "Smartphone Household Wireless Electroencephalogram Hat" Hindawi Publishing Corporation, Apr (2013)
- Gyu Moon 외 6명 "Smartphone Homecare Monitoring of Hearts" Hindawi Publishing Corporation, Apr (2013)
- Gyu Moon, "The frequency Control CMOS Circuit design used the Cellular Oscillator Networks using Active Resistor", 2013 International Conference on Eletronics, Information and Communication Bali, Indonesia Feb 2, (2013)

| Others

■ Major Research Topics

- Electronics / Information and Communication Engineering - Semiconductor Analog-mixed IC Design, Development of Circuit and System, Security System

■ Academy Activity

- IEEK, IEEE