

Speaker Profile



Contact Details

Organization Name:

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Name: Dae Mann KIM

Title: Professor of Computational Sciences

Institute: Korea Institute of Advanced Study

Education:

B.S. in Physics, 1960, Seoul National University

M.S. in Physics, 1965, Yale University

Ph.D. in Physics, 1967, Yale University

Research Interests:

Microelectronics and Nanoelectronics

Flash EEPROM devices

Nano-CMOS, CNT transistors

Simulation/Computation Physics

Professional Experience:

Professor of Computational Sciences, Korea Institute of Advanced Study (2001 - present)

Professor of Electrical Engineering, Pohang University of Science and Technology, Pohang, Korea (1991 - 2001);
Chairman of the Electrical Engineering Department (1991 - 1995); Dean of the Graduate School (1996 - 1998)

Principal Scientist, Tektronix, Inc. Beaverton, Oregon, USA (1988-1991)

Professor (1980 - 1984), Associate Professor (1974 - 1980) and Assistant Professor (1970 - 1974) of Electrical Engineering, Rice University, Houston, TX

Postdoctoral Research Associates (1967 -1969), Instructor in Physics (1969-1970), MIT, Cambridge, Massachusetts

Professional societies:

Fellow of Korean Academy of Science and Technology

Member of APS, Korean Physical Society and the Institute of Electronics Engineers of Korea

Publications and Patents:

Authored or co-authored over hundred papers in lasers and semiconductor devices, contributed number of presentations in conferences and owns several patents

