

## Biography of Dr. Jung Yul Yoo

### Education:

BS in Mechanical Engineering, Seoul National University (SNU), Korea, 1969

MS in Mechanics, Aerospace Engineering and Mechanics Department, U. of Minnesota, USA, 1973

PhD in Mechanics, Aerospace Engineering and Mechanics Department, U. of Minnesota, USA, 1977



### Current Affiliation:

Professor, School of Mechanical and Aerospace Engineering, Seoul National University (SNU) Fellow, ASME since 2002

Member for Life, Korean Academy of Science and Technology since 2002

Member, National Academy of Engineering of Korea (NAEK) since 1998

Vice-President, NAEK since 2008

### Experience:

Chairman, Department of Mechanical Engineering, SNU, 1984. 9 – 1986. 8

Associate Dean, College of Engineering, SNU, 1990. 2 – 1992. 1

Associate Dean of Academic Affairs, SNU, 1992. 12 – 1995. 3

Chairman, Fluids Engineering Division, KSME, 1998. 1 – 1999. 12

Chairman, School of Mechanical and Aerospace Engineering, and Director, BK21 (Brain Korea 21) Project for Mechanical Engineering Division, SNU, 1999. 10 – 2001. 3

Chairman, ASME (American Society of Mechanical Engineers) Korea Section, 2000. 1 – 2002. 12

Secretary General, Korea Research Foundation, Ministry of Education and Human Resources Development, Republic of Korea, 2001. 3 – 2003. 2

President, Korean Society of Visualization (KSV), 2001. 12 – 2003. 12

President, KSME, 2004. 1 – 2004. 12

Director, Institute of Advanced Machinery and Design (IAMD), SNU, 2005. 2 – 2009. 1

Senator, SNU, 2005. 11 – 2009. 10

**Fields of Interest:**

PIV and Micro-PIV, MEMS and Biofluidics, Turbulent Flow Computation Based on DNS and LES, Flow Analysis Based on FEM, Bio-Medical Engineering Based on Hemodynamics