

Name (한글) 조윤희 (漢字) 趙允浩 (ENGLISH) Younho Cho

Date of birth: 64.07.11

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Department: Pusan National University

Title: Professor



**MAJOR COMMITTEES:**

2004.03~present: Professor, School of Mechanical Design & Engineering, Pusan National University, Korea

2022.01~present: Vice Presidents, The Korean Society of Mechanical Engineers, Korea

2021.10~present: Commissioner, National Standards Expert Committee (ISO/TC 135/SC3 WG6)

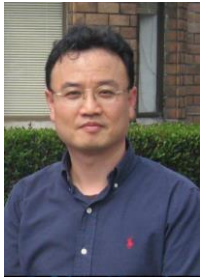
2020.04~present: ECNDT 2022 Scientific Committee member of Guided Waves

2019.04~present: Commissioner, Construction Equipment Manufacturing Defect Review and Evaluation Committee, Ministry of Land, Infrastructure and Transport, Korea

2016.06~present: WCNDT President, 20th World Conference on Non-Destructive Testing, Korea

**Research Interests**

- **Long range pipe real time inspection system and imaging by tomography on power plant facilities**
- **Develop ultrasound sensor and signal analysis techniques**
- **Detect micro closed crack with nonlinear acoustics method**
- **Human bone mineral density measurement by ultrasound inspection system**
- **Guided waves inspection techniques on high speed rail vehicles and rail**
- **Structural health monitoring system on aircraft and composite structure**

	Name	(한글) 조 윤 호 (한자) 趙允浩 (영문) Younho Cho
	Date of birth	07/11/1964 (57 years old)
	<b>Educational background and Work Experience</b>	
	Period	Education • Experience
<b>Education</b>	1983.03~1987.02	Bachelor, School of Mechanical Engineering, Yonsei University.
	1987.03~1989.02	Master, School of Mechanical Engineering, Yonsei University.
	1991.03~1995.05	Ph. D., Engineering Design, Pennsylvania State University.
<b>Experience</b>	2001.03~present	Professor, School of Mechanical Design & Engineering, Pusan National University, Korea
	2022.01~present	Vice Presidents, The Korean Society of Mechanical Engineers, Korea
	2021.10~present	Commissioner , National Standards Expert Committee (ISO/TC 135/SC3 WG6)
	2020.04~present	ECNDT 2022 Scientific Committee member of Guided Waves
	2019.04~present	Commissioner, Construction Equipment Manufacturing Defect Review and Evaluation Committee, Ministry of Land, Infrastructure and Transport, Korea
	2016.06~present	WCNDT President, 20th World Conference on Non-Destructive Testing, Korea
<b>Awards</b>	2019.04.11	KSME Excellent Paper Award (A feasibility study of Structural health~)
	2019.04.19	KSME Excellent Paper Award (Application on Long Range Pipeline~)
	2021.11.19	KSME Excellent Paper Award (Evaluation of coating thickness~)
	2021.12.03	International conference: 23rd CSS-EEST The Best Paper Presentation Award