


**Lecture ID :**

3-5

**Lecture Title :**

New Generation Technology of Digital I&C System for Nuclear Power Plant

<b>1. Name</b> (First/middle/Family)	<b>Tatsuyuki / - / Maekawa</b>	
<b>2. Current position/Affiliation</b>	Senior Manager /Nuclear Instrumentation & Inspection Technology Department/Power and Industrial Systems Research and Development Center/Toshiba Corp.	
<b>3. Highest Education</b> (Name of Institution/ Major field of study/ Degree and Date received)	Univ. of Osaka (Osaka, Japan) / Nuclear Engineering / Dr.Eng. in 2001 (Univ. of Tokyo)	
<b>4. Work History</b> (Employer / Work period)	<ul style="list-style-type: none"><li>· NAIG Co. , Ltd.(Kawasaki)/ 1984-1989</li><li>· Toshiba Corp.(Yokohama)/ 1989-present</li></ul>	
<b>5. Professional Experience</b> (Major experience relevant to the “Lecture” and period)	<ul style="list-style-type: none"><li>·Initiated and performed development of nuclear electronics, software and measurement system (1984-1992).</li><li>·Initiated and performed R&amp;D of radiation detector and monitoring system (1993-1997).</li><li>·Performed and managed R&amp;D of digital nuclear instrumentation and various monitoring systems for nuclear power plant (1997-2002).</li></ul>	
	<ul style="list-style-type: none"><li>·Planned and engaged R&amp;D programs of control &amp; instrumentation systems for nuclear power plant (2003-2004).</li></ul>	
	<ul style="list-style-type: none"><li>·Planned and Managed R&amp;D activities of nuclear instrumentation and inspection (2005-present).</li></ul>	
	<ul style="list-style-type: none"><li>·Member of Atomic Energy Society of Japan (AESJ)</li><li>·Member of the Japan Society of Applied Physics (JSAP)</li></ul>	
	<ul style="list-style-type: none"><li>·Obtained Promising Endeavor Award of Ionizing Radiation from JSAP in 1999.</li><li>·Obtained Technical Progress Award from AESJ in 2000.</li><li>·Obtained the doctor degree in radiation measurement technology from Univ. of Tokyo in 2001.</li></ul>	