


## Speaker's curriculum vitae

Name	Prof. Shigeru KUCHII	
Current position	National Institute of Technology (KOSEN), Kitakyushu College	
Field of Specialisation	Robotics and Mechatronics Total package technologies compatible with Industry 4.0 - Contents and Technologies for system engineers and cyber-physical engineers' education	
Speech Topic(s)	Industry-Academia Collaborative Initiative on Human Resources Development in the Digitalisation of Manufacturing	
Working Experience	<ul style="list-style-type: none"> <li>● 1997 - acquired Ph. D. in Engineering from Kyushu Institute of Technology, assistant of National Institute of Technology (KOSEN), Kitakyushu College.</li> <li>● 1999 - Became a lecturer.</li> <li>● 2004 - Became an assistant professor</li> <li>● 2014 - Became a Professor, mainly conducting R&amp;D of robotics.</li> <li>● 2013 - Received National Institute of Technology (KOSEN) Chairman Award.</li> <li>● 2014 - Received Japanese Society of Medical Instrumentation Thesis Award for R&amp;D of the Auto Ampoule Dispensing System using Image Processing and Robot Technology.</li> <li>● Supervisor for three national champions of Robot Contest of National Institute of Technology (KOSEN).</li> </ul>	
Recent Research	Project manager or project leader of those projects written below. Experience of launching products utilising IP. Advisor of 8 companies.	

	<ul style="list-style-type: none"> <li>• Ministry of Education, Culture, Sports, Science and Technology Funded project <ul style="list-style-type: none"> <li>○ Development of automated journal machine for returned drugs, utilising image processing and robotics control technologies</li> </ul> </li> <li>• Japan Science and Technology Agency Funded project <ul style="list-style-type: none"> <li>○ Automation of hospital management tasks utilising image processing technologies</li> </ul> </li> <li>• Ministry of Internal Affairs and Communications Funded project <ul style="list-style-type: none"> <li>○ Monitoring of local life and economy, utilizing ICT and conducted with Kyushu University</li> </ul> </li> <li>• Ministry of Trade, Industry and Economy Funded Projects <ul style="list-style-type: none"> <li>○ Development of a monitoring cloud system to detect falls of elderly people at home</li> </ul> </li> <li>• Japan Agency for Medical Research and Development Funded Projects <ul style="list-style-type: none"> <li>○ Development and launch of an automated injection drug and medical material detecting machine</li> </ul> </li> </ul>
<p style="text-align: center;">E-mail &amp; Contact Info (please also provide your post address here)</p>	<p>E-mail: <a href="mailto:kuchii@kct.ac.jp">kuchii@kct.ac.jp</a>  Department of Creative Engineering  Robotics and Mechatronics Course  National Institute of Technology (KOSEN), Kitakyushu College  5-20-1, Shii, Kokura-Minami, Kitakyushu, Fukuoka, JAPAN  802-0985  TEL&amp;FAX: +81-93-964-7259  Web: <a href="http://w3-cise.kct.ac.jp/kuchii/">http://w3-cise.kct.ac.jp/kuchii/</a></p>