

Biographical Statement of Prof.Kunio Yoshikawa

Name: Kunio Yoshikawa	
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Tel: +81-45-924-5507, Fax: +81-45-924-5518, E-mail: yoshikawa.k.aa@m.titech.ac.jp	
Educational background:	
1977 Bachelor's degree in applied physics, Tokyo Institute of Technology	
1979 Master of engineering, Tokyo Institute of Technology	
1986 Doctor of engineering, Tokyo Institute of Technology "Study on High Temperature Heat Exchanger for Closed Cycle MHD Power Generation"	
Working background:	
1979-1980	Researcher, Hiroshima Technical Institute of Mitsubishi Heavy Industries
1980-1990	Research Associate, Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology
1990-1998	Associate Professor, Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology
1998-2007	Professor, Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology
2007-2012	Professor, Frontier Research Center, Tokyo Institute of Technology
2012-2016	Professor, Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology, Visiting professor of Dalian University of Technology, China
2016-	Professor, School of Environment and Society, Tokyo Institute of Technology
1997-2003	Research leader of JST CREST "High Efficiency Power Generation from Waste and Coal Utilizing High Temperature Air Combustion Technology" (Total budget was US\$13 million)
2011-2014	Research leader of Strategic China-Japan Cooperative Programme on Science and Technology (S&T) for Environmental Conservation and Construction of a Society with Less Environmental Burden (JST/NSFC) "Efficient Energy Production from Biomass Wastes with High Moisture and Nitrogen Contents" (Total budget was US\$150 thousand)
2015-2017	Research leader of Innovative Science and Technology Initiative for Security (Ministry of Defence) "Development of Portable Ultra-small Biomass Gasification and Power Generation System" (Total budget will be US\$1 million)
Major research area:	
Waste treatment, Energy conversion, Combustion, Atmospheric environmental engineering	
Membership:	
Member, Japan Society of Mechanical Engineers, Member, Japan Institute of Energy	
Member, Japan Society of Material Cycles and Waste Management	
Associate Editor, Applied Energy	
Awards:	
1999	AIAA (American Institute of Aeronautics and Astronautics) Best paper award
2001	ASME International (The American Society of Mechanical Engineers) James Harry Potter Gold Medal
2006	JSME (The Japanese Society of Mechanical Engineers) Best technical achievement award
2008	Fellow of JSME
2014	Best Teacher Award of Tokyo Institute of Technology
Signature:	<i>K. Yoshikawa</i>
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