

CURRICULUM VITAE

Name: Wataru Ueda

Present position: Professor, Emeritus Professor(Hokkaido Univ.)

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Education and research experience

- 1981 PhD from Department of Environmental Chemistry and Engineering,
Tokyo Institute of Technology
- 1981 Research associate at the Research Laboratories of Resources
Utilization, Tokyo Institute of Technology
- 1985-1987 Ramsey memorial fellow at the Department of Physical Chemistry,
Cambridge University and Royal Institution, UK, working with Prof. J.
M. Thomas.
- 1990 Lecturer at Department of Environmental Chemistry and Engineering,
Tokyo Institute of Technology
- 1998 Professor at the Department of Materials Chemistry and Engineering,
Science University of Tokyo in Yamaguchi
- 2001~ Professor at the Catalysis Research Center, Hokkaido University
- 2014~ Professor at Department of Material and Life Chemistry, Faculty of
Engineering, Kanagawa University
- 2014~ Visiting professor of Hokkaido University
Visiting professor of Tokyo Institute of Technology
Visiting professor of National Taiwan University
- 2016~ Emeritus professor of Hokkaido University
- 2018~ Specially appointed professor of Tokyo Institute of Technology, visiting
professor of Malaya University

Professional activity

- 2015 Editor of Applied Catalysis A, General
- 2006-2010 Director of the Catalysis Research Center, Hokkaido University
- 2008-2105 ERC panel member
- 2009-2015 International Academic Committee Member for PCOSS in Xiamen
University in China
- 2011-2012 Vice-president of Catalysis Society of Japan
- 2012-2013 President of Catalysis Society of Japan
- 2013~ International Advisory Member for Catalysis Hub in UK
- 2013-2014 Vice-president of Japanese Petroleum Institute
- 2014-2016 President of Japanese Petroleum Institute
- 2015~ Fachbeirat for Fritz-Haber-Institute der Max-Planck-Gesellschaft Berlin
- 2015~ Research Supervisor of JST-CREST program(Creation of innovative
catalysts using diverse natural carbon resources)

Research projects

1. Catalytic selective oxidation of light alkanes over solid catalysts having controlled structures
2. Developments of new synthetic method of solid catalysts based on unit synthesis
3. New oxidation processes for generating energy and for cleaning air and water
4. Developments of new solid-state catalysts for conversion of biomass-derived

materials into chemicals

International Research Program

2013-2017 JST-EU international collaboration program “NOVACAM” (collaborative member: E. Hensen, G. Hutchings, A. Corma, M. Hara, S. Sato)

Awards

1985 Ramsey Fellow
1988 Young Award of Catalysis Society of Japan
2007 BCSJ Award from Chemical Society of Japan
2010 Catalysis Society of Japan Award
2012 Japan Petroleum Institute Award

Major conference organization

2005 Secretary of 5th World Congress on Oxidation Catalysis(WCOC) in Sapporo
2007 Chairperson of 100th National Conference of Catalysis Society of Japan in Sapporo
2010 Chairperson of 6th Tokyo Conference on Advanced Catalytic Science and Technology(TOCAT) and 5th Asia Pacific Congress on Catalysis(APCAT) in Sapporo