

Academic Qualification

Doctor of Philosophy (Engineering) : Division of Molecular Chemistry, Graduate School of Engineering
Hokkaido University, Japan
Dissertation: Molecular Hydrogen-Originated Protonic Acid Sites on Zirconia-Based Catalysts
Supervisor : Prof. Dr Hideshi Hattori

Masters of Engineering :
Chemical & Environmental Engineering, Graduate School of Engineering
Kitami Institute of Technology, Japan
Thesis: Propylene Partial Oxidation by Using a Cs-Ag Immobilized Membrane Reactor
Supervisor : Prof Dr Masayoshi Kobayashi

Bachelor of Engineering :
Department of Industrial Chemistry, Faculty of Engineering
Kitami Institute of Technology, Japan
Final Year Project: Development of a New Type Membrane Reactor
Supervisor : Prof Dr Masayoshi Kobayashi/Prof Dr Nobuo Takahashi

Research Fellow :
Catalysis Research Center, Hokkaido University Japan
Research Topic : Ti loaded MCM41 Chiral Catalysis
Supervisor : Prof. Dr. Masakazu Iwamoto