

Curriculum Vitae

Dr. Prof. Katsuhiko Hirose

Professional Partner, Toyota Motor Corporation

WPI Visiting Professor, International Institute for Carbon Neutral Energy Research, Kyushu University

Academic

1979 Degree from Department of Physics, Nagoya University, Faculty of Science

1981 Msc from Applied physics graduate school of Engineering Nagoya University

2015 PhD from Mechanical Engineering, Kyushu University



Career

1981 Joined Toyota Motor Industries (later renamed Toyota Motor Corporation)

Development of latest engine and engine control systems later move to the research for advanced engine system

1993-96 Technical representative of Toyota Motor Europe (Lived at Brussels Belgium)

1996-2000 Involved first Prius hybrid system development as a manger responsible for fuel economy and emissions.

2000-2001 Temporally move to JPEC(Japan Petroleum Energy Center semi-gov. organization) as a senior researcher

2001-2003 Planner for Hybrid deplyment to the world

2003-2012 Fuel Cell system development and advance hydrogen storage research as General Manager and Project General Manager

2012- Project General Manager for Hydrogen Energy and Hydrogen infrastructure promotion

2015 March PhD (Engineering) degree obtained from Kyushu University

2015-June Professional Partner Toyota Motor Corporation

2015-June WPI Visiting Professor at International Institute for Carbon Neutral Energy Institute (I2CNER),Kyushu University

Note

Working always front line of Toyota's latest technologies' development such as first 4 valves engine and first Digital Computer Controlled engine system, Two stroke prototype, Hybrid system and Fuel cell system.

Later involves many projects as a planner to make a strategy and strategic development of new technologies' developments.

Deep involvement of energy strategy of Toyota and Automotive industries.

Initiated many industry- government infrastructure programs such as German H2mobility, UK H2Mobility, H2USA.

Initial member of HyGrid Study group

Latest activity to initiate Hydrogen Council