

Curriculum Vitae

Dr. Prof. Katsuhiko Hirose

CEO & Chief Consultant HyWealth Co.

- WPI Visiting professor
International Institute for Carbon Neutral Energy Research
(I2CNER) Kyushu University
- Discipline Chief Professor China Geo-Science University

Academic

Degree Physics, Faculty of Science Nagoya University

MSc Applied Physics, Faculty of Engineering, Nagoya Univ.

PhD Mechanical Science, Faculty of Engineering, Kyushu Univ.



Career

1981~ Toyota Motor Corporation advanced engine control and advanced engine development

1993-1996 Toyota representative for engine and emissions at Toyota NV Brussels.

1996-2000 First Generation Hybrid system (Prius) development as Manager

2000-2001 Senior Researcher Japan Petroleum Energy Center

2001-2003 Project General Manager, Planner for Hybrid World Deployment

2003-2012 Project General Manager, Fuel Cell System and Advanced hydrogen storage system development

2012- Project General Manager, Hydrogen Energy, and Infrastructure development

2015 Obtained PhD from Kyushu University

2015-19 Professional Partner, Toyota Motor Corporation

2015-present WPI professor for I2Cner Kyushu University

2017-19 IPCC Lead Author for GHG Guideline refinement

2019 Sep Graduated from Toyota

2019-Oct-present, CEO & Chief Consultant HyWealth CO.

Note

As an engineer always working front line of Toyota engineering for advanced Engine, Hybrid System and Fuel Cell Vehicle. At the same time, working as a planner to develop world strategy of hybrid and fuel vehicle deployment.

It is well known as a leader to develop first Hybrid Vehicle Prius for emission and fuel economy. He is also working to initiate several government industries infrastructure program such as German and UK H2Mobility. From 2017, he works for building the world Hydrogen Consortium “Hydrogen Council” as a founding member secretary and as co-chairman to create several key reports. After graduating Toyota in 2019 he is active as an independent consultant for Hydrogen Energy System and Advanced Mobility. He appears to promote hydrogen in many conferences all over the world. He is currently a member of scientific council of Engie SV, advising several companies including Toyota Motor and Mitsui & CO. Ltd. He is also working as a visiting professor to develop methodologies to implementing environmental technologies into the society in I2CNER Kyushu University.