

RESUME

Name: Nobuhiro YOSHIKAWA

Nationality: Japanese

Affiliation:

Professor

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Academic Degrees:

1990 Doctor The University of Tokyo
 Thesis Field: Mechanical Engineering

1987 Master The University of Tokyo
 Thesis Field: Mechanical Engineering

1985 Bachelor The University of Tokyo
 Thesis Field: Mechanical Engineering

Academic Appointments:

2005 – present Professor
 Institute of Industrial Science
 The University of Tokyo

1994 – 2005 Associate Professor
 Institute of Industrial Science
 The University of Tokyo

1992– 1994 Lecturer
 Institute of Industrial Science
 The University of Tokyo

1990 – 1992 Research Associate
 Institute of Industrial Science
 The University of Tokyo

Committee Membership:

- (1) Ministry of Economy, Trade and Industry Japan, Industrial Structure Council/
Industrial and Product Safety Committee/ High Pressure Gas Subcommittee.
- (2) The High Pressure Gas Safety Institute of Japan, Transportable Container Standards
Committee

Research topics:

Developing methodology of structural safety and reliability analyses by means of finite element method, especially in the application for Carbon Fiber Reinforced Plastics (CFRP).

- (1) Developing finite element simulation system named Front_COMP for strength evaluation of CFRP members based on meso-scale model separating resin/carbon fiber bundle.
- (2) Developing high pressure hydrogen vessel for Fuel Cell Vehicles and hydrogen station.
- (3) Developing fan blade of jet engine made by CFRP