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## Resume

**Name:** Takahiro ADACHI

**Present Status:**

Associate Professor, Doctor of Engineering.  
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### 1, Personal Information

Date of birth	18/02/1971
the distinction of sex	Male
Nationality	Japan
Address	Kyukamachi Syukusya 13, Tegata-Kyukamachi 9-33, Akita city, Akita 010-0863, Akita, Japan

### 2, Academic background

<b>Bachelor's degree</b>	Department of Mechanical Engineering, Doshisha University, Kyoto, Japan. (4/1990-3/1994)
<b>Master's degree</b>	Department of Mechanical Engineering, Doshisha University, Kyoto, Japan. (4/1994-3/1996)
<b>Doctor's degree</b>	Department of Mechanical Engineering, Doshisha

University, Kyoto, Japan. (4/1996-3/1999)

※ Including experience : Researcher in National Institute of Fusion Science(NIFS), Gifu, Japan,(4/1998-3/1999).

### 3, Professional background

**Lecturer** Institute of Ocean Energy, Saga University (IOES), Saga, Japan. (4/1999-3/2001)

**Lecturer** Department of Mechanical Engineering, Akita University, Akita, Japan. (4/2001-3/2008)

**Associate Professor**

Department of Mechanical Engineering, Akita University, Akita, Japan. (4/2008- present)

※ Including experience : Guest Researcher in Friedrich-Alexander-University Erlangen-Nuerenberg, Erlangen, Germany,(9/2008-3/2009)

### 4, Subjects of Lecture in Akita University:

Thermo Dynamics, Energy Conversion between Heat and Fluid, Thermal Radiation

### 5, Research Keywords

Fluid Mechanics, Heat Transfer

1) Hydrodynamic Stability, Turbulence, Vortex Motion, Heat Transfer Enhancement, Numerical Simulation, Spectral-Element Method, VOF Method, Phase Change, Condensation, Film Flow

2) Ocean Thermal Energy Conversion(OTEC), Plate-Type Heat Exchanger

3) PIV Measurement, Flow Visualization

4) Micro-Channel flow

### 6, Societies belonging to

Japan Society of Mechanical Engineering,

Japanese Society of the physical society,

Japanese Society of Fluid Mechanics,

Japanese Society of Heat Transfer.