

## **Theme Lecture 6**

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### **Theme Lecture Title**

Explanation of Thermo-Hydraulic-  
Mechanical Behavior of Geomaterials in  
So-Called Isothermal Heating Test

Dr. Feng Zhang is a professor of Nagoya Institute of Technology (NIT, National University Association of Japan) since 2005. He got Ph.D. degree from Kyoto University in 1995. He served as the head of Civil Engineering Department of NIT during 2006 to 2008 and the director of Advanced Disaster Prevention Engineering Center of NIT during 2011 to 2014. His main research interests are in constitutive modelling in soil mechanics & rock mechanics, numerical analyses in geotechnical engineering and seismic evaluation of earth structures. He is recipient of the awards including the Best Paper Medal of Soils & Foundations (2002, 2011) and the Best Paper Medal of Japan Society of Civil Engineers (2007).

#### Education:

March 1978 to February 1982, Bachelor of Science, Mathematics & Mechanics, Nanjing University of Science & Technology, Nanjing, China

September 1984 to February 1987, Master of Science, Mechanics, Tongji University, Shanghai, China

March 1995, Ph.D., Civil Engineering, Kyoto University, Japan

#### Professional Experience:

From February 1982 to August 1984, Research Associate of Suzhou University, China

From April 1995 to March 1998, Chief engineer of Chou Fukken Consultants Co. Ltd, Japan

From April 1998 to March 1999, Research Associate of Nagoya Institute of Technology, Japan

From April 1999 to March 2005, Associate Professor of Gifu University, Japan

From April 2005, Professor of Nagoya Institute of Technology, Japan

2011-2014, Director of Advanced Disaster Prevention Engineering Center, Nagoya Institute of Technology, Japan

#### Research field:

1. Soil mechanics & rock mechanics
2. Constitutive modelling of geomaterials
3. Numerical analyses in geotechnical engineering
4. Seismic evaluation of earth structures