

Thursday 11 October 2007 at 6pm  
International HQ

(Refreshments from 5.30pm - **lecture followed by light buffet**)

# Seismic Isolation Systems in Japan

## by JSSI (Japan Society of Seismic Isolation)

IStructE is pleased to welcome members of the Japan Society of Seismic Isolation to the UK.

They will give an illustrated lecture on the impressive initial research work in developing seismic isolation devices, and then describe how these sometimes massive devices have been incorporated into impressive structures and how a particular structure with seismic isolation performed in an earthquake.

### Yoshikazu Fukasawa

Vice Chairman of JSSI

Introduction

- What is JSSI?
- What is Seismic/Base Isolation?

### Dr Taiki Saito

Chairman of the International Committee of JSSI

Basic Concept of Seismic Isolation System

- Basic concept of Seismic Design
- The Idea of Seismic Isolation System
- Base isolation devices
- Brief outline of the design of seismic isolated buildings

### Hiroshi Kawamura

Member of the International Committee of JSSI

Examples and the performance of a seismic isolated building under earthquake

- Recent buildings
- Performance of a seismic isolated building under a M6 Earthquake

