

MEETINGS OF EARTHQUAKE RESISTANT STRUCTURE RESEARCH CENTER

March 30, 1993 (The First Extended Meeting of ERS)

Speaker : K. Konagai (Associate Professor, IIS, University of Tokyo)

Topic : Dynamic Failure Mechanism of Coarse Particle Assemblage and Evaluation of Dynamic Stability of Granular Structures

Speaker : S. Noda (Associate Professor, Tottori University)

Topic : Damage Estimation and Restoration Planning of Lifeline Systems using Neural Networks

Speaker : Y. Nakano (Associate Professor, IIS, University of Tokyo)

Topic : Seismic Test of Scaled Reinforced Concrete Frame Retrofitted with Steel Framed Ductile Bracing System

Speaker : M. Nakajima (Associate Professor, Kyoto University)

Topic : Optimization of Structural-Design Codes by Object-oriented Programming

Speaker : T. Fujita (Professor, IIS, University of Tokyo)

Topic : Active Structural Control Systems for Vibration Damping and Seismic Isolation

April 22, 1993

Speaker : K. Koh (Research Associate, IIS, University of Tokyo)

Topic : Reliability-based Earthquake Resistant Design of Structures

May 20, 1993

Speaker : F. Kumazawa (Research Associate, IIS, University of Tokyo)

Topic : Building Damages due to Kushiro-Oki Earthquake on January 15, 1993

June 17, 1993

Speaker : T. Kamada (Graduate Student, IIS, University of Tokyo)

Topic : Hybrid Mass Damper with Convertible Active and Passive Modes Using Multistage Rubber Bearing and Hydraulic Actuator for Vibration Control of Tall Buildings

July 22, 1993

Speaker : T. Katayama (Professor and Director of INCEDE, IIS, University of Tokyo)

Topic : International Cooperation in Natural Disaster Mitigation : Recent Trends with Emphasis on INCEDE, IAEE

Speaker : F. Yamazaki (Associate Professor, IIS, University of Tokyo)
K. Meguro (Research Associate, IIS, University of Tokyo)
Topic : A Quick Look Report on July 12, 1993 Hokkaido-Nansei-Oki Earthquake

September 16, 1993

Speaker : A. Nishida (Graduate Student, IIS, University of Tokyo)
Topic : Wave Propagation Property of Discrete Structures

Speaker : Y. Nakano (Associate Professor, IIS, University of Tokyo)
Topic : Damage to Building Structures due to 1993 July 12 Hokkaido-Nansei-Oki Earthquake

Speaker : F. Kumazawa (Research Associate, IIS, University of Tokyo)
Topic : Damage Report on the 1993 August 8 Guam Earthquake

October 21, 1993

Speaker : H. Zhang (Graduate Student, IIS, University of Tokyo)
Topic : Prediction of Structural Damage of Steel Frame Models Compiled in Earthquake Response Test Database

Speaker : H. Ogura (Graduate Student, IIS, University of Tokyo)
Topic : Substructuring Hybrid Simulation on Earthquake Responses of Steel Braced Frames

November 18, 1993

Speaker : F. Tatsuoka (Professor, IIS, University of Tokyo)
Topic : On Deformation Properties of Soils and Rocks : From Research to Practice

December 16, 1993

Speaker : H. Kim (Graduate Student, IIS, University of Tokyo)
Topic : Seismic Tests on Slab-Column Connection of Flat Plate System in High Strength Concrete

January 21, 1994

Speaker : F. Yamazaki (Associate Professor, IIS, University of Tokyo)
H. Yokoyama (Graduate Student, IIS, University of Tokyo)
Topic : Disaster Prevention and Human Evacuation of Large Underground Facilities

February 17, 1994

Speaker : K. Konagai (Associate Professor, IIS, University of Tokyo)
Topic : Some Problems in Evaluation of Dynamic Stability of Granular Structures
Speaker : D. Isobe (Graduate Student, IIS, University of Tokyo)
Topic : Nonlinear Finite Element Analysis of Framed Structures by the Adaptively Shifted Integration Structures

March 30, 1994 (The Second Extended Meeting of ERS)

Speaker : K. Ohi (Associate Professor, IIS, University of Tokyo)

Topic : Expert and Non-expert Judgments about Earthquake Damage of Steel Frames

Speaker : S. Midorikawa (Associate Professor, Tokyo Institute of Technology)

Topic : Evaluation of Soil Characteristics Reflected in Strong Ground Motion Records

Speaker : D. Kato (Associate Professor, Niigata University)

Topic : Confinement of Main Bars for Ductile Reinforced Concrete Member

Speaker : S. Mori (Chief Research Engineer, Tobishima Corporation)

Topic : Lessons Learned from Requefaction Occurred in Recent Earthquakes

Speaker : F. Yamazaki (Associate Professor, IIS, University of Tokyo)

Topic : Emergency Control of Urban Lifelines soon after Strong Earthquakes

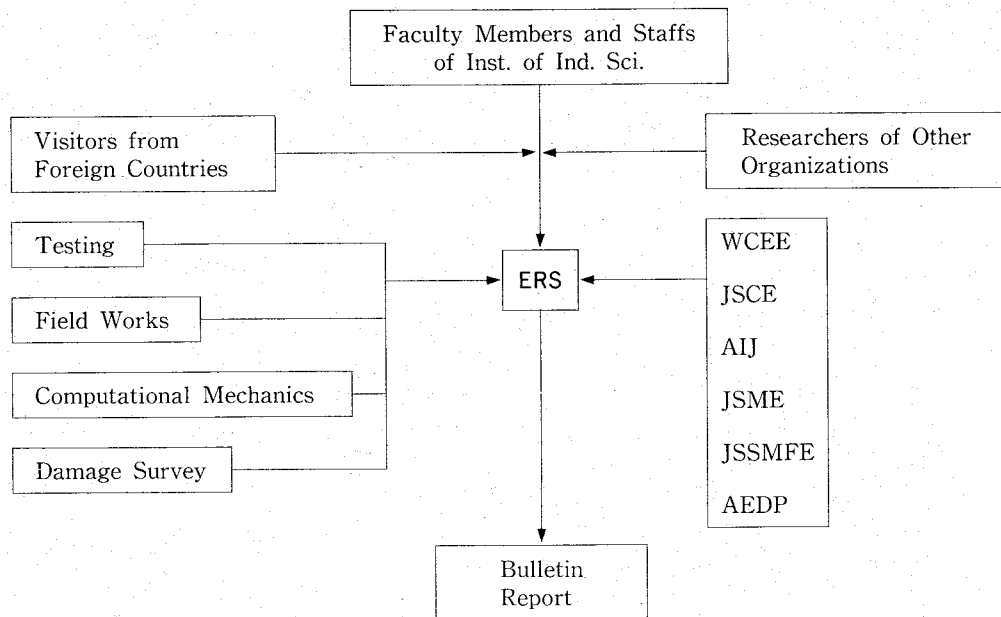
Speaker : Y. Tsuji (Professor, University of Tokyo)

Topic : Tsunami Countermeasures for Coastal Zones

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Earthquake Resistant Structure Research Center (ERS) is an organization for cooperation of researchers in the various fields of structural engineering in the Institute of Industrial Science, University of Tokyo. Its activities concern with fundamentals of the earthquake resistant structures and specific items in the fields of civil, structural and mechanical engineering.

Activities of ERS



WCEE : The World Conference on Earthquake Engineering

JSCE : The Japan Society of Civil Engineers

AIJ : The Architectural Institute of Japan

JSME : The Japan Society of Mechanical Engineers

JSSMFE: Japanese Society of Soil Mechanics and Foundation Engineering

AEDP : The Association for Earthquake Disaster Prevention