



SUPPORTING ORGANIZATIONS

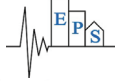
İSTANBUL TECHNICAL UNIVERSITY



ISTANBUL TECHNICAL UNIVERSITY
EARTHQUAKE ENGINEERING &
DISASTER MANAGEMENT INSTITUTE



THE SCIENTIFIC & TECHNOLOGICAL
RESEARCH COUNCIL OF TURKEY



Earthquake Protection Systems, Inc.



DOKA Endüstri LTD Şti.



EMKE
İnşaat Tahhüt San. ve Tic. LTD Şti.



FIP Industriale



mageba Türkiye A.Ş.



ULUS YAPI MALZEMELERİ ve İNŞAAT
Taahhüt Tic. LTD. Şti.



MAURER SÖHNE



İPEKS
Engineering & Environment Development Inc.

ORGANIZING COMMITTEE

Prof.Dr. Ünal ALDEMİR
(Workshop Chair)

Prof.Dr. Kadir GÜLER

Res.Asst. Abdullah DÖNMEZ

Prof.Dr. Abdul HAYIR

Res.Asst. Ülgen MERT TUĞSAL

Assoc.Prof.Dr. Mustafa GENÇOĞLU

Res.Asst. Yücel TORUN

Assoc.Prof.Dr. Beyza TAŞKIN

Res.Asst. Arcan YANIK

Assoc.Prof.Dr. Ercan YÜKSEL

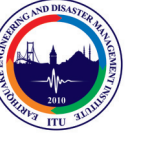
Spec. Mustafa YAVUZ

Dr. Fatih SÜTÇÜ



Istanbul Technical University

Earthquake Engineering &
Disaster Management Institute



Workshop On

BASE ISOLATION SYSTEMS: APPLICATIONS, CODES & QUALITY CONTROL TESTS

December 11, 2013

*Istanbul Technical University
Süleyman Demirel Cultural Center*

www.eedmi.itu.edu.tr



Workshop on
BASE ISOLATION SYSTEMS: APPLICATIONS, CODES & QUALITY CONTROL TESTS

08:30 – 09:00 REGISTRATION

SESSION-1:

- 09:00 – 09:10 **Prof.Dr. Mehmet KARACA**
Rector; Istanbul Technical University
- 09:10 – 09:30 **Prof.Dr. Ünal ALDEMİR**
Director; ITU-EEDMI
- 09:30 – 10:00 **Prof.Dr. Zekai CELEP**
(İstanbul Technical University - Turkey)
Seismic Isolation Applications in Turkey
- 10:00 – 10:40 **Dr. Andrew W. TAYLOR**
(KPF Consulting Engineers, Seattle, WA – USA)
Principles, Applications, and Guidelines for Seismic Isolation

10:40 – 11:10 COFFEE BREAK

SESSION-2:

- 11:10 – 11:50 **Prof.Dr. Michael C. CONSTANTINOU**
(University of New York @Buffalo – USA)
Testing of Seismic Protective System Hardware: Significance, Scaling and Similarity
- 11:50 – 12:30 **Dr. Renzo MEDEOT**
(European Committee for Standardization, TC340-EU)
The New Performance-Oriented European Standard on Anti-Seismic Devices
- 12:30 – 13:10 **Dr. Gianmario BENZONI**
(University of California @San Diego – USA)
Performance Characterization of Anti-Seismic Devices under Multi-Directional Tests: Recommendations for Reliable Testing Protocols

13:10 – 14:30 LUNCH BREAK

SESSION-3:

- 14:30 – 15:10 **Dr. Victor A. ZAYAS**
(Earthquake Protection Systems, CA – USA)
Seismic Isolation Design Criteria for Resilient Buildings
- 15:10 – 15:50 **Prof.Dr. Mineo TAKAYAMA**
(University of Fukuoka – Japan)
Performance of Seismically Isolated Buildings due to 2011 Tohoku Earthquake
- 15:50 – 16:30 **Dr. Alan PARK**
(Holmes Consulting Group - New Zealand)
Lead Rubber Bearings – Design, Production and Testing to Code

16:30 – 17:00 COFFEE BREAK

PANEL SESSION:

- 17:00 – 18:30 **DISCUSSIONS and Q&A**
All Invited Speakers