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ISTANBUL TECHNICAL UNIVERSITY
EARTHQUAKE ENGINEERING &
DISASTER MANAGEMENT INSTITUTE



THE SCIENTIFIC & TECHNOLOGICAL
RESEARCH COUNCIL OF TURKEY



Earthquake Protection Systems, Inc.



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MAURER SÖHNE



İPEKS
Engineering & Environment Development Inc.

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Istanbul Technical University

Earthquake Engineering &
Disaster Management Institute



Workshop On

BASE ISOLATION SYSTEMS: APPLICATIONS, CODES & QUALITY CONTROL TESTS

11 December 2013

*Istanbul Technical University
Süleyman Demirel Cultural Center*



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**
(Istanbul Technical University - Turkey)
Base 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

13:10 – 14:30 LUNCH BREAK

- SESSION-3:**
- 14:30 – 15:10 **Dr. Victor A. ZAYAS**
(Earthquake Protection Systems, CA – USA)
Design Criteria for Seismically Isolated Buildings: “Code Compliance” versus “Continued Functionality”
- 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)
LRB Design and Product Testing to Code – Our Experiences

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

16:30 – 17:00 COFFEE BREAK

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