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İSTANBUL TECHNICAL UNIVERSITY
İSTANBUL TECHNICAL UNIVERSITY – CIVIL ENGINEERING FACULTY



JAPAN SOCIETY of CIVIL ENGINEERS
JAPAN SOCIETY of CIVIL ENGINEERS – TURKEY SECTION



TMMOB CHAMBER OF CIVIL ENGINEERS–İSTANBUL CHAPTER



YAPI MERKEZİ



İSTANBUL TEKNİK ÜNİVERSİTESİ – JAPAN SOCIETY OF CIVIL ENGINEERS



The 4th JOINT SYMPOSIUM:

Seismic Actions for Designing Geotechnical Works:

ISO - 23469

ORGANIZATION COMMITTEE

Prof.Dr. Zeki HASGÜR
(Honorary Chair)

Asoc.Prof.Dr. Beyza TAŞKIN **Civ.Eng. Nusret SUNA**
(Symposium Co-Chairs)

Asst.Prof.Dr. E Ece BAYAT

Civ.Eng. Rezan BULUT

Res.Asst. Tuba GÜRBÜZ
(Symposium Secretary)

20 February 2018

İSTANBUL TECHNICAL UNIVERSITY
CIVIL ENGINEERING FACULTY CONFERENCE HALL

www.itu.edu.tr/4jscetr

PROGRAM

09:00–09:30

REGISTRATION - KAYIT

09:30–10:00 **OPENING CEREMONY**

Prof.Dr. Zeki HASGÜR
C.E. Nusret SUNA
Prof.Dr. Ünal ALDEMİR
.....

(President; JSCE-Turkey Section)
(Head; IMO İstanbul Chapter)
(Dean; İTÜ Faculty of Civil Engineering)
(.....)

10:00–10:20

COFFEE BREAK – KAHVE ARASI

Session-1 / 1. Oturum

10:20–11:00 **Riki HONDA**.....(University of Tokyo)

Design Concept for Resilience: Anti-Catastrophe Performance

Dirençli Tasarım Kavramı: Afete Karşı Performans

11:00–11:40 **Atilla ANSAL**.....(Özyeğin University)

Selection of Earthquake Input for Site Response Analysis

Yerel Zemin Davranışı Analizinde Deprem Hareketinin Seçimi

11:40–12:20 **Atsushi NOZU**.....(Port and Airport Research Institute)

Importance of Site Effects in the Practice of Earthquake Disaster Prevention

Deprem Afetinin Önlenmesi Uygulamalarında Yerel Zemin Etkilerinin Önemi

12:20–13:00 **Kutay ÖZAYDIN**.....(Yıldız Technical University)

Geotechnical Design Issues in the New (draft) Turkish Earthquake Code

Yeni (taslak) Türkiye Deprem Yönetmeliğinde Geoteknik Tasarım Hususları

13:00–14:00

LUNCH BREAK – ÖĞLE YEMEĞİ

Session-2 / 2. Oturum

14:00–14:40 **Koji ICHII**.....(Kansai University)

An Index to Judge the Appropriateness of Model Parameters for Analysis Considering Liquefaction

Sıvılaşma Açısından Analiz Modeli Parametrelerinin Uygunluğunu Değerlendiren bir İndeks

14:40–15:20 **Masayuki YOSHIMI**.....(Geological Survey of Japan/AIST)

Structural damage due to surface ruptures of the 2016 Kumamoto earthquake, Japan

2016 Kumamoto, Japonya Depreminde Zemin Göçmelerine Dayalı Yapısal Hasarlar

15:20–16:00 **Ayfer ERKEN**.....(Istanbul Technical University)

Post Cyclic Monotonic Behavior of Soils during 1999 Kocaeli Earthquake

1999 Kocaeli Depreminde Zeminlerin Artımsal Tersinir Davranışı

16:00–16:20

COFFEE BREAK – KAHVE ARASI

Session-3 / 3. Oturum

16:20–16:30 **Gaku SHOJI**.....(University of Tsukuba)

Verification of Seismic Performance of an Isolated Bridge Subjected to the 2011 off the Pacific Coast of Tohoku Earthquake

2011 Pasifik Kıyısı Tohoku Depreminde Maruz Kalan İzolasyonlu Bir Köprü'nün Sismik Performans Gerçekleşmesi

16:30–17:10 **Jun'ichiro KUBO**.....(Central Japan Railway Company)

Chuo-Shinkansen: Superconducting Magnetic Levitation (Maglev) Railway Project in Japan

Chuo-Shinkansen: Japonya'da Süperiletken Manyetik Kaldırıcılı (Maglev) Demiryolu Projesi

17:10–17:50 **Ergin ARIOĞLU**.....(Yapı Merkezi)

AVRASYA Tunnel

AVRASYA Tüneli