

INTERNATIONAL
EARTHQUAKE SYMPOSIUM
KOCAELI 2007

22 - 24
OCTOBER
2007

ORGANIZATION / DÜZENLEYEN

KOCAELI UNIVERSITY

SCHEDULE / PROGRAM

in GRAND **YUKSELIS** HOTEL

<http://kocaeli2007.kocaeli.edu.tr>



Yüzyılın depremi olarak da adlandırılan 17 Ağustos 1999 Kocaeli depremi Türkiye'nin deprem gerçeğinden resmi olarak kaçamadığı ilk depremdir. Ülkemizin yaşadığı en büyük doğal afet türünün deprem olduğu ve bu gerçeği sürekli bilmek zorunda olduğumuzu Ulus olarak ilk kez kabullendik. Bu özellikleri ile "Kocaeli Depremi" tüm dünyada ders kitaplarına girmiş ve Kocaeli, depremin simge kenti olmuştur.

Depremi yaşadığımız gibi tüm yönleri ile Kocaeli'nde tartışmak, ayrıca unutulmaya yüz tutan bir gerçeği tekrar hatırlatmak ve altını kalın çizgilerle çizerek kamuoyunun gündemine taşımak istiyoruz. İlk ikisi 2003 ve 2005 yıllarında düzenlenmiş olan, geleneksel olarak tekrarlanan Deprem Sempozyumu, 2007 de uluslararası olarak düzenlenmektedir. INTERNATIONAL EARTHQUAKE SYMPOSIUM KOCAELİ 2007 yalnızca Üniversitemizin değil, Kocaeli Valiliği, Büyükşehir Belediyesi ve 12 meslek odası ile kentin sahiplendiği bir organizasyondur. Sempozyumumuz ayrıca 7 Sivil Toplum Kuruluşu, 40 kurum-kuruluş tarafından desteklenmektedir.

INTERNATIONAL EARTHQUAKE SYMPOSIUM KOCAELİ 2007'ye üç gün boyunca 11 ayrı meslek grubundan yurtiçi ve yurtdışından toplam 650 araştırmacı katılacaktır. Mimarlık, Mühendislik, Hukuk, Tıp, Sosyal ve Yer Bilimleri ana başlıkları altında yer alan 121 özel konu ile ilgili 176 sözlü ve 49 poster sunum yurtdışından katılan 59 ve yurtiçinden gelen 164 araştırmacı tarafından gerçekleştirilecektir. Ayrıca, konularında uzman ve alanlarında önde gelen yurt içinden 8 ve Almanya, Japonya, Pakistan ve Makedonya'dan davet edilen 5 bilim insanı diğer katılımcılarla bilgi ve deneyimlerini paylaşacaktır.

Bu organizasyon sizlerin sunduğu özgün çalışmalar ile değer bulacaktır. Bilime verdiğiniz tüm katkılarınız için sağolun...

Saygılarımla,

Prof. Dr. Mithat Fırat ÖZER
Chairman

Turkey has realized with 17 August 1999 Earthquake called 'the Earthquake of the Century' that Turkey cannot get rid of an earthquakes. As a nation, we must know and accept that Turkey always faces with earthquakes. Kocaeli Earthquake with these properties has become a subject in the class notes all over the world. And Kocaeli has become a symbol-city of the earthquake.

As we experienced the earthquake with all respects, we would like to discuss earthquakes with all views. We also would like to remain you about a reality which is almost forgotten. We want to highlight and to bring the reality to the public opinion. Biennial Earthquake Symposium was organized as a national symposium in 2003 and 2005. In 2007, Biennial Earthquake Symposium is organized as an international symposium. INTERNATIONAL EARTHQUAKE SYMPOSIUM KOCAELİ 2007 is supported not only by our University, but by Kocaeli Governor's Office, Kocaeli Metropolitan Municipality, and 12 members of Union of Chambers UCTEA (Union of Chambers of Turkish Engineers and Architects). In addition to these, the symposium is supported by 7 NGO (Non-Governmental Organizations) and 40 national and international institutions.

During three days, the total national and international 650 symposium participants from 11 various disciplines will be at INTERNATIONAL EARTHQUAKE SYMPOSIUM KOCAELİ 2007. There are 121 special subjects under the headlines of Architecture, Engineering, Law, Medicine, Social and Earth Sciences. There are 176 oral and 49 poster presentations given by 59 international and 164 national participants. Besides, the keynote speaker, invited speakers, and specialists; total 8 scientists from Germany, Japan, Pakistan, Macedonia and Turkey will contribute to the symposium and share their knowledge with the symposium participants.

This organization will be invaluable with your original presentations. Thank you very much for your contributions to the science...

Sincerely yours,

22.10.2007 OPENING CEREMONY / AÇILIŞ TÖRENİ

09:30 Prof. Dr. Mithat Fırat ÖZER (Düzenleme Kurulu Başkanı) *Açılış Konuşması*

İdris SERDAR (DASK Yönetim Kurulu Başkanı) *DASK Hakkında*

Prof. Dr. Sezer KOMSUOĞLU (Kocaeli Üniversitesi Rektörü)

İbrahim KARAOSMANOĞLU (Kocaeli Büyükşehir Belediye Başkanı)

Gökhan SÖZER (Kocaeli Valisi)

11:30 ULUSLARARASI DEPREM SEMPOZYUMU KOCAELİ 2007'YE DESTEK VEREN KURULUŞLARA TEŞEKKÜR PLAKETİ SUNUMU...

12:00-13:00 LUNCH - ÖĞLE YEMEĞİ

KEYNOTE SPEAKER / AÇILIŞ KONUŞMACISI

13:00- 13:45 JOCHEN ZSCHAU

BREAKING THE WAVES: THE GERMAN-INDONESIAN INITIATIVE TOWARDS A TSUNAMI EARLY WARNING SYSTEM IN THE INDIAN OCEAN

13:50- 14:20 BREAK / ARA

TURKUVAZ

Bilgi için: 0.262.359 11 81 - 303 31 31

22.10.2007

MONDAY / PAZARTESİ

14:20 - 15:40

TURKUVAZ

CHAIRMAN / OTURUM BAŞKANI : SAMİ ARSOY - ERTAN PEKŞEN

14:20-15:00 **MUSTAFA ERDİK**
SEISMIC ISOLATION AND APPLICATIONS IN TURKEY

15:00-15:40 **HALUK SUCUOĞLU**
KENTSEL YAPI STOKLARINDA DEPREM RİSKLERİNİN GÖRSEL TARAMA YÖNTEMİ İLE BELİRLENMESİ

15:40- 16:00 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: ÖZER KENAR - ADEM SÖMER

14:20-15:00 **HEIKO WOITH**
INTERACTION BETWEEN SEISMIC WAVES AND GEOTHERMAL RESERVOIRS

15:00-15:20 **N. REZAPOUR, A. A. BIDOKHTI, M. FATTAHI**
STUDY OF SOME RELATIONSHIP BETWEEN THERMAL PROPERTIES OF THE GROUND AND EARTHQUAKE ACTIVITY IN ALBORZ REGION

15:20-15:40 **Y.L. EKİNCİ, A. DEMİRCİ, C. ERTEKİN**
INVESTIGATION OF THE LAYERED SEAWATER-FRESHWATER INTERFACE: A STUDY FROM KALEKÖY-GÖKÇEADA, TURKEY

15:40- 16:00 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: FUAD OKAY - SEMİH KÜÇÜKARSLAN

14:20-14:40 **AHMET NECATİ YELGIN, HUSEYİN YELGIN, SAİD DUSAK**
COMPARISON OF EXPERIMENTAL AND THEORETICAL RESULTS UNDER UNIFORM LOADS OF PLATES WITH HINGED SUPPORT

14:40-15:00 **MIRGHADERI, IMANPOUR, KESHAVARZI, KHAFAF**
SEISMIC DESIGN PROCEDURE AND DETAILING OF NEW REDUCED BEAM SECTION MOMENT CONNECTION WITH CORRUGATED WEB IN BEAM PLASTIC HINGE ZONE

15:00-15:20 **S. MAALEK, P. BANI BAYAT, A. PEYVANDI**
EFFECT OF BEAM DIMENSION ON THE CYCLIC BEHAVIOR OF FRAMES COMPOSED OF CASTELLATED BEAMS

15:20-15:40 **W.M. MOHAMED, N.A. YEHIA, M.T. ELSHEIKH, Y.M. HUSSEIN**
SEISMIC BEHAVIOR OF EXTERIOR BEAM COLUMN JOINT

15:40- 16:00 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: MUSTAFA KEMAL TUNÇER - HAKAN KARSLI

14:20-14:40 **S. BÜLENT TANK, YOSHIMORI HONKURA, YASUO OGAWA, ELIF TOLAK, M.KEMAL TUNÇER, NAOTO OSHIMAN, MASAKI MATSUSHIMA**
SEARCHING CONDUCTORS AT THE WESTERN PART OF NORTH ANATOLIAN FAULT ZONE (NAFZ) BY AUDIO-FREQUENCY MAGNETOTELLURICS (AMT)

14:40-15:00 **H. MOHAMMADI, I. MANSOORI, C. LUCAS, H.R. SIAHKOHI**
COMBINATION OF SINGULAR SPECTRUM ANALYSIS AND AUTOREGRESSIVE MODEL FOR INTERPOLATION OF REMOVED NOISY PARTS OF MAGNETOTELLURIC TIME SERIES

15:00-15:20 **ALIREZA HAJIAN**
SEISMIC RISK REDUCTION THROUGH EARTHQUAKE ALARMS, RAPID RESPONSE, AND EARLY WARNING SYSTEMS

15:20-15:40 **J. ASADI FALLAH, A. BABAIE MAHANI, M.R. GHEITANCHI**
SOILS AND FOUNDATION INVESTIGATION: A CASE STUDY IN UTILITY UNIT OF 5th OLEFIN IN ASSALUYEH, IRAN

15:40- 16:00 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: ALİ PINAR - MEHMET UTKU

14:20-14:40 **MABROUK DJEDDI, M.A. AITOUCHE**
THE SISMO-TECTONIC CONTEXT OF THE EARTHQUAKE OF BOUMERDES (21 MAY 2003 MW=6.8)

14:40-15:00 **R. SHIVARAMAN, O. MAHAPATRA, M.R. SHAMSUDEEN, M. PONNAVAIKKO**
A UNIFIED COMPILATION OF ANOMALIES IN PLATE TECTONICS

15:00-15:20 **C.N. IMAMALIYEVA, T.J. HASANOVA, M.F. ALLAHVERDIEVA**
ESTIMATION OF SEISMIC HAZARDS OF BAKU

15:20-15:40 **ALIREZA HAJIAN, HOSSEİN ZOMORRODIAN, CARO LUCAS, NAVID AMINI**
DETECTION OF SUBSURFACE SINKHOLES MADE BY EARTHQUAKES THROUGH ARTIFICIAL NEURAL NETWORKS FROM MICROGRAVITY DATA

15:40- 16:00 BREAK / ARA

AKIK

LAPIS

OPAL

TOPAZ

22.10.2007

MONDAY / PAZARTESİ

16:00 - 17:20

TURKUAZ

- CHAIRMAN / OTURUM BAŞKANI : MUSTAFA KEMAL TUNÇER - BÜLENT TANK**
- 16:00-16:20 **İSMET GÜNGÖR (DASK KOORDİNATÖRÜ)**
DASK HAKKINDA
- 16:20-16:40 **ŞERİF BARIŞ, T. SERKAN IRMAK, HELMUT GROSSER, HEIKO WOITH, M. FIRAT ÖZER, SÜLEYMAN TUNÇ, DENİZ ÇAKA, TÜRKER YAS, ÖZLEM ASLAN, BERNA TUNÇ, TACİSER ÇETİNOĞLU, MUSTAFA KEMAL TUNÇER, ERGİN ULUTAŞ**
CONTINUOUS MONITORING MICROSEISMIC ACTIVITY IN THE EASTERN MARMARA: THE ARMUTLU NETWORK
- 16:40-17:00 **NIHAN ERDOĞAN**
COMMAND-POST TYPE EXERCISES AS A TOOL FOR THE INTERNATIONAL EARTHQUAKE RESPONSE OF URBAN SEARCH AND RESCUE TEAMS
- 17:00-17:20 **A. PINAR, S.B. ÜÇER, Y. HONKURA, A. ITO, Ş. BARIŞ, M. MATSUSHİMA, N. SEZGİN, D. KALAFAT, S. HORİUCHI**
STATE OF STRESS ALONG THE FAULT RUPTURE ZONE OF THE 1999 İZMİT EARTHQUAKE
- 18:00 İÇE BREAK PARTY / AÇILIŞ KOKTEYLİ**

CHAIRMAN / OTURUM BAŞKANI: CENGİZ KURTULUŞ - ÖMER FARUK ÇELİK

AKIK

- 16:00-16:20 **NİLGÜN SAYIL**
AN INVESTIGATION OF SEISMICITY FOR THE AEGEAN AND MEDITERRANEAN REGIONS
EGE VE AKDENİZ BÖLGELERİNDE DEPREMSELLİĞİN İNCELENMESİ
- 16:20-16:40 **F. POURMOHAMMAD, MOHAMMAD REZA GHEITANCHI**
SEISMIC ACTIVITY IN NORTH CENTRAL IRAN REVEALED FROM LOCAL SEISMIC NETWORK
- 16:40-17:00 **NAZİ NOROUZİ, MOHAMMAD REZA GHEITANCHI**
MICROEARTHQUAKES ACTIVITY IN KHORASAN PROVINCE, NE IRAN
- 17:00-17:20 **R. MANSOURI, MOHAMMAD REZA GHEITANCHI**
A STUDY ON THE SEISMISITY OF FARS PROVINCE LOCATED IN ZAGROS
- 18:00 İÇE BREAK PARTY / AÇILIŞ KOKTEYLİ**

CHAIRMAN / OTURUM BAŞKANI: SAMİ ARSOY

LAPIS

- 16:00-16:20 **S.S. TEZCAN, Z. ÖZDEMİR, A. KEÇELİ, A. ERKAL**
A RAPID TECHNIQUE TO DETERMINE ALLOWABLE BEARING PRESSURE
- 16:20-16:40 **SEMİH KÜÇÜKARSLAN**
THE EFFECT OF A TRANSIENT DYNAMIC LOADED PILE ON A NEIGHBOURING PILE FOR NONHOMOGENEOUS SOILS
- 16:40-17:00 **M. AMERİ, B. BEHNİA**
THERMAL AND COMBINED STRESSES ANALYSES OF CONCRETE PAVEMENTS USING COMPUTER MODELING
- 17:00-17:20 **ALİ NOJOUMI, MEHDİ GHASSEMİEH, MOHAMMAD REZA BAAHARI**
SEISMIC RESPONSE OF SHEAR WALL STRUCTURES REINFORCED WITH SMAs
- 18:00 İÇE BREAK PARTY / AÇILIŞ KOKTEYLİ**

CHAIRMAN / OTURUM BAŞKANI: KEMAL BEYEN

OPAL

- 16:00-16:20 **ARMAGAN KORKMAZ, VEFA ORHON**
STRENGTH DESIGN METHODOLOGY FOR MASONRY STRUCTURES
- 16:20-16:40 **H. MOGHADDAM, M. SAMADI, S. MOHEBBI**
RC MEMBERS STRENGTHENING BY LATERAL POST-TENSIONING OF EXTERNAL METAL STRIPS
- 16:40-17:00 **MIRGHADERİ, KHAFAF, İMANPOUR, KESHAVARZİ**
LATERAL STIFFNESS OF PYRAMID SHAPE BUILDINGS WITH INCLINED COLUMNS
- 17:00-17:20 **FARHAD KESHAVARZİ, RASOUL MIRGHADERİ, ALİ İMANPOUR**
NUMERICAL EVALUATION OF THROUGH PLATE CONNECTION TO BOX COLUMN
- 18:00 İÇE BREAK PARTY / AÇILIŞ KOKTEYLİ**

CHAIRMAN / OTURUM BAŞKANI: OĞUZ GÜNDOĞDU - HAKAN KARSLI

TOPAZ

- 16:00-16:20 **O. YAZICI ÇAKIN, O.M. İLKİŞİK, E. ASLANER, P. İMER, E. TOLAK, S. YELKENCİ**
A COMPARİSON OF DISASTER RISK MANAGEMENT SYSTEMS BETWEEN SELECTED MEGA CITIES AND İSTANBUL
DÜNYA BÜYÜKŞEHİRLERİNDEN BAZILARI İLE İSTANBUL'UN RİSK VE AFET YÖNETİM SİSTEMLERİNİN KARŞILAŞTIRILMASI
- 16:20-16:40 **FİLİZ ERTÜRK**
İZMİT DEPREMİNDE EVİ ZARAR GÖREN AİLELERİN, GEÇİCİ VE KALICI KONUTLARDAKİ YAŞAM SERÜVENLERİNİN BİNA-MOBİLYA AÇISINDAN İNCELENMESİ
- 16:40-17:00 **SELMA KOÇ**
KAMUOYUNUN DEPREM HABERLERİNE BAKIŞI VE DEPREM ALGISI "KOCAELİ ÖRNEĞİ"
- 17:00-17:20 **HİKMET İSKENDER, LEVENT TRABZON, NİHAN ERDOĞAN**
EARTHQUAKE DEBRİS MANAGEMENT MASTER PLANS FOR THE MUNICIPALITIES
- 18:00 İÇE BREAK PARTY / AÇILIŞ KOKTEYLİ**

23.10.2007

TUESDAY / SALI

09:30 - 10:30

TURKUAZ

CHAIRMAN / OTURUM BAŞKANI : ALİ PINAR - YUSUF BAYRAK

09:30-09:50 **T.S. IRMAK, H. GROSSER, M.F. ÖZER, H. WOITH, S. BARIS**
THE 24 OCTOBER 2006 GEMLIK (TURKEY) EARTHQUAKE (M=5.2)

09:50-10:10 **MOHAMMAD REZA GHEITANCHI**
SOURCE DYNAMICS OF THE 31 MARCH 2006, SILAKHOR (LORESTAN), WESTERN IRAN, EARTHQUAKE

10:10-10:30 **S. AHMADZADEH, M.R. GHEITANCH**
THE 4TH FEBRUARY 1997 BOJNOURD, NORTHEAST IRAN, EARTHQUAKE

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: ERTAN PEKSEN - SENOL GURSOY

09:30-09:50 **EMRAH DOĞAN, RABİA KÖKLÜ, BÜLENT ŞENGÖRÜR**
ESTIMATION OF BIOLOGICAL OXYGEN DEMAND USING ARTIFICIAL NEURAL NETWORK

09:50-10:10 **P. BANİ BAYAT, A. SAEDİ DARYAN, A. PIRMOZ**
THE REDUCTION OF BOLTED CONNECTION'S ROTATION USING WEB ANGLES

10:10-10:30 **EMRAH DOĞAN, LÜTFİ SALTABAŞ, ERAY YILDIRIM**
ADAPTIVE NEURO-FUZZY INFERENCE SYSTEMS APPLICATION FOR ESTIMATING SUSPENDED SEDIMENT LOAD

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: KEMAL BEYEN

09:30-09:50 **TUĞBA ESKİŞAR, H. RECEP YILMAZ**
THE ANALYSIS AND EVALUATION OF THE SEISMIC STABILITY OF SEGMENTAL RETAINING WALLS

09:50-10:10 **M. TURGAY ÖZKUN**
STRENGTHENING OF INFILL BRICK WALLS WITH CARBON FIBERS
TAŞIYICI OLMAYAN TUĞLA DUVARLARIN KARBON LİFLERİ İLE GÜÇLENDİRİLMESİ

10:10-10:30 **ŞENOL GURSOY, BARIŞ HÜLÜR, AHMET DURMUŞ**
IMPORTANCE OF WALL TYPE AT DESIGN ACCORDING TO EARTHQUAKE OF RETAINING WALLS
İSTİNAT DUVARLARININ DEPREM GÖRE TASARIMINDA DUVAR TİPİNİN ÖNEMİ

10:30-10:50 BREAK / ARA

LAPIS

09:30

AFET SONRASI BARINMA: GEÇİCİ YERLEŞME SÜREÇLERİNDE KONUT (SERGİ VE SERTİFİKA TÖRENİ)

11:50

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: KAMURAN OZTEKİN - AYSE CALIK ROSS

09:30-09:50 **JAMSHID EMAMI**
INTELLIGENT TRANSPORTATION SYSTEM (USED TO DIMINISH RAILWAY ACCIDENTS CAUSED BY EARTHQUAKE)

09:50-10:10 **HANA KORIECH MÖREL**
A SENSE OF HOME: HIGHLIGHTING THE IMPORTANCE OF CULTURAL HERITAGE, POST-EARTHQUAKE, TO THE RE-BUILDING OF BOTH COMMUNITY AND URBAN ARCHITECTURE

10:10-10:30 **H. ZAFARI, Z. KHODABANDELU, M. ALIZAMANI**
TEMPORARY SHELTER AND LOCAL METHODS IN LORESTAN 2006 EARTHQUAKE

10:30-10:50 BREAK / ARA

OPAL

TOPAZ

23.10.2007

TUESDAY / SALI

10:50 - 11:50

TURKUVAZ

CHAIRMAN / OTURUM BAŞKANI : ÖZER KENAR - BULENT TANK

10:50-11:30 **HALUK EYİDOĞAN**
EARTHQUAKE HAZARD IN MARMARA REGION AND ISTANBUL CITY: A REVIEW

11:30-11:50 **AWAD ISMAIL**
NATIONAL SEISMIC NETWORK IN EGYPT

12:00-13:00 LUNCH / ÖĞLE YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: SALIH ZEKI TUTKUN - TURGAY ISSEVEN

10:50-11:10 **M. TOKER, S. KRASSTEL, F. DEMİREL-SCHLUETER, E. DEMİRBAĞ, C. İMREN**
VOLCANO-SEISMICITY OF LAKE VAN (EASTERN TURKEY): A COMPARATIVE ANALYSIS OF SEISMIC REFLECTION AND THREE-COMPONENT VELOCITY SEISMOGRAM DATA AND NEW INSIGHTS INTO VOLCANIC LAKE SEISMICITY

11:10-11:30 **S. OMİDİAN**
A STUDY ON THE PROBABLE ERUPTION OF THE DAMAVAND VOLCANO (CENTRAL ALBORZ, IRAN) USING THE GEOPHYSICAL AND STRUCTURAL METHODS

11:30-11:50 **ALI RAMI, MHAMED KHELIF, SALEM KAHLOUCHE**
ESTIMATION OF THE OCEAN TIDE EFFECT ON THE ALTIMETRIC MEASUREMENTS

12:00-13:00 LUNCH / ÖĞLE YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: HÜLYA YILDIRIM - OZAN ARSLAN

10:50-11:10 **DİLEK KEPEKÇİ**
THE USE OF GEOGRAPHIC INFORMATION SYSTEM (GIS) IN CRISIS MANAGEMENT FOR ISTANBUL CITY
İSTANBUL İÇİN KRİZ YÖNETİMİNDE COĞRAFİ BİLGİ SİSTEMİNİN KULLANILMASI

11:10-11:30 **OZAN ARSLAN**
ARTIFICIAL NEURAL NETWORK BASED PRINCIPAL COMPONENT ANALYSIS METHOD FOR SEISMIC DATA ANALYSIS
SİSMİK VERİ ANALİZİNDE YAPAY SİNİR AĞI TABANLI ANA BİLEŞENLER ANALİZİ MODELİ

11:30-11:50 **CANKUT DAĞDAL İNCE, HALUK KONAK, OZAN ARSLAN**
IMPROVING OF SPATIAL DATA OBTAINED FROM REMOTE SENSING IMAGES FOR MONITORING OF EARTHQUAKE DAMAGES
DEPREM HASARLARININ İZLENMESİ AMACIYLA UYDU GÖRÜNTÜLERİNDEN ELDE EDİLEN KONUMSAL VERİ YİĞİNLARININ İYİLEŞTİRİLMESİ

12:00-13:00 LUNCH / ÖĞLE YEMEĞİ

LAPIS

09:30

AFET SONRASI BARINMA: GEÇİCİ YERLEŞME SÜREÇLERİNDE KONUT (SERGİ VE SERTİFİKA TÖRENİ)

11:50

12:00-13:00 LUNCH / ÖĞLE YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: OYA YAZICI ÇAKIN - MEHMET UTKU

10:50-11:10 **HALİL VEHBİ YENİCE**
THE SARAYBAHÇE MUNICIPALITY BEFORE AND AFTER THE MARMARA 1999 EARTHQUAKE
1999 MARMARA DEPREMİ ÖNCESİ VE SONRASI SARAYBAHÇE BELEDİYESİ

11:10-11:50 **AHMET KARADAĞ (YÖNETİM KURULU ÜYESİ - GENEL MÜDÜR YARDIMCISI)**
MURAT ALINCA (GENEL MÜDÜR YARDIMCISI)
KENTSEL DÖNÜŞÜM 1 ERENLER CEDİT

12:00-13:00 LUNCH / ÖĞLE YEMEĞİ

OPAL

TOPAZ

CHAIRMAN / OTURUM BAŞKANI : SAMI ARSOY - AHMET KARAKAŞ

13:00-13:40 **ATILLA ANSAL**
DEPREM TEHLİKE VE DEPREM HASAR SENARYOLARI

13:40-14:00 **YAPRAK ÖZDEMİR, YUSUF AYZAZ**
DYNAMIC ANALYSIS OF THICK PLATES SUBJECTED TO EARTHQUAKE

14:00-14:20 **A. KARI, GHASSEMIH**
COMPARISON BETWEEN BUCKLING-RESTRAINED BRACED FRAMES (BRBFS) AND SHAPE MEMORY ALLOY (SMA) BRACING SYSTEMS SUBJECTED TO SEISMIC LOADINGS AND OPTIMIZING THEIR BEHAVIOR

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: YILDIZ ALTINOK - IRFAN YOLCUBAL

13:00-13:20 **ELHAM MOHAMMADI, MOHAMMAD REZA GHEITANCHI, AHMAD SADID KHOY**
MOHO DEPTH DETERMINATION IN KOPE DAGH REGION FROM TELESEISMIC RECEIVER FUNCTION

13:20-13:40 **TACİSER ÇETİNLÖ, KAZUNORİ YOSHİZAWA, M. FIRAT ÖZER**
SURFACE WAVE PHASE VELOCITY DISTRIBUTION OF TURKEY

13:40-14:00 **HEEOK JUNG, YONGSEOK JANG, BONGGON JO, MOON W WOOL, CHANG-EOB BAAG, JUNG MO LEE, KI YOUNG KIM**
SHALLOW SUBSURFACE S WAVE VELOCITY STRUCTURES OF THE KOREAN PENINSULA OBTAINED BY INVERSION OF RAYLEIGH WAVE DISPERSION

14:00-14:20 **R. SHIVARAMAN, OJAS MAHAPATRA, MR SHAMSUDEEN, M.PONNAVAIKKO**
A FRESH INSIGHT INTO EARTHQUAKE OCCURANCES

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: EROL KOKTURK - CANKUT DAĞDAL INCE

13:00-13:20 **ERAY YILDIRIM, EMRAH DOĞAN, CAN KARAVUL, METİN AŞCI, FERHAT ÖZÇEP, HASAN ARMAN**
CLASSIFICATION OF THE SOILS USING MAMDANI FUZZY INFERENCE SYSTEM
BULANIK MANTIK MODELİ İLE ZEMİNLERİN SINIFLANDIRILMASI

13:20-13:40 **CAN KARAVUL, T.FİKRET KURNAZ, ALPER KIYAK**
AN INVESTIGATION OF SEISMIC VELOCITY AND MICROTREMOR SURVEYS ON GIS MAPS FOR GÖLCÜK (İZMİT)
GÖLCÜK İLÇESİ (İZMİT) SİSMİK HIZ VE MİKROTREMOR ÇALIŞMALARININ COĞRAFI BİLGİ SİSTEMLERİ (CBS) İLE HAZIRLANAN HARİTALAR ÜZERİNDE İNCELENMESİ

13:40-14:00 **ALPER KIYAK, HATİCE ERGÜVEN, CAN KARAVUL**
SOIL CLASSIFICATION AN APPLICATION WITH FUZZY LOGIC SYSTEMS
ZEMİN SINIFLAMASINDA BULANIK MANTIK UYGULAMASI

14:00-14:20 **ERGİN TARI**
RİZE İL GENELİNDE AFET BİLGİ VE METEOROLOJİK ERKEN UYARI SİSTEMİ KURULMASI (RABİS) PROJESİ

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: SHAHNAZ ARSHAD

13:00-13:20 **SHAHNAZ ARSHAD**
PAKISTAN POST-EARTHQUAKE STORY RURAL HOUSING RECONSTRUCTION PROGRAM: IMPLEMENTATION EXPERIENCE AND LESSONS LEARNT

13:20-13:40 **EVREN UZER, YILDIZ SEY, AHSEN ÖZSOY, EMİNE KOMUT**
DESIGN WORKSHOP FOR TEMPORARY HOUSING IN POST-DISASTER AREAS

13:40-14:00 **NEŞE DİKMEN**
AN INVESTIGATION ON TRADITIONAL TIMBER-FRAMED BUILDINGS IN CANKIRI PROVINCE OF TURKEY

14:00-14:20 **AMİR SEFİ, HEDAYAT SHAHBAZİ**
GREEN STRUCTURE AND ORGANIC HOUSES IN NORTH REGIONS OF IRAN

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: OĞUZ ÖZEL - NİLGÜN SAYIL

13:00-13:20 **ÜLBEN EZEN, T. SERKAN IRMAK**
THE STRESS DROPS IN THE NORTH ANATOLIAN FAULT (TURKEY) ZONE DURING THE 1939-1999

13:20-13:40 **SERKAN ÖZTÜRK, YUSUF BAYRAK, HAKAN ÇINAR, GEORGE CH. KORAVOS, THEODOROS M. TSAPANOS**
REGIONAL VARIATIONS OF EARTHQUAKE HAZARD PARAMETERS FOR DIFFERENT SOURCE REGIONS IN TURKEY AND VICINITY
TÜRKİYE VE ÇİVARINDAKİ FARKLI KAYNAK BÖLGELER İÇİN DEPREM HAZARD PARAMETRELERİNİN BÖLGESEL DEĞİŞİMLERİ

13:40-14:00 **YUSUF BAYRAK, SERKAN ÖZTÜRK, GEORGE CH. KORAVOS**
A QUANTITATIVE SEISMICITY ANALYSIS FOR DIFFERENT REGIONS IN TURKEY AND ITS SURROUNDINGS FROM GUMBEL FIRST ASYMPTOTIC DISTRIBUTION AND GUTENBERG-RICHTER RELATIONSHIP USING INSTRUMENTAL EARTHQUAKE CATALOGUE

14:00-14:20 **U. ÇEKEN, G. BEYHAN, B.TÜZEL**
ALETSEL DÖNEM DEPREM KATALOĞU KULLANILARAK GUMBEL I ASİMTOTİK DAĞILIMI VE GUTENBERG-RICHTER İLİŞKİSİ İLE TÜRKİYE VE ÇİVARINDAKİ FARKLI BÖLGELER İÇİN NİCEL BİR DEPREMSELLİK ANALİZİ
STRONG GROUND MOTION ATTENUATION RELATIONSHIP MODEL FOR MARMARA REGION

MARMARA BÖLGESİNİN KUVVETLİ YER HAREKETİ AZALIM İLİŞKİSİ MODELİ
14:20-14:40 BREAK / ARA

23.10.2007

TUESDAY / SALI

14:40 - 16:00

TURKUAZ

CHAIRMAN / OTURUM BAŞKANI : ŞENOL GÜRSOY

14:40-15:00 **DİLEK ERYURTLU, AGAH DURUKAL**
KENDİLİĞİNDEN YERLEŞEN VE SIKIŞAN BETON & DURABİLİTE

15:00-16:00 **ENGİN CÜNEYT SEYHAN**
ONARIM VE GÜÇLENDİRME SİSTEMLERİ

16:40-17:00 **OKAN DUYAR**
KENDİLİĞİNDEN YERLEŞEN BETON; TANIMLAR, DİZAYN YÖNTEMİ, DENEY METOTLARI

16:00-16:20 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI : OZKAN CORUK - AYDIN KAVAK

14:40-15:00 **YAPRAK ÖZDEMİR, YUSUF AYVAZ**
EFFECTS OF SOIL CONDITION ON BEHAVIOR OF STIFFENED RC FRAME STRUCTURES SUBJECTED TO EARTHQUAKES

15:00-15:20 **ABBAS ABBASZADEH SHAHRI, NOORBAKHSH MIRZAEI, MOHSEN GOUDARZI**
INVESTIGATION OF LIQUEFACTION CAUSED BY INDUCED EARTHQUAKE IN GAVSHAN EARTH DAM (KAMYARAN_KORDESTAN PROVINCE_IRAN) WITH A NEW SEISMIC GEOTECHNICAL METHOD

15:20-15:40 **AHMET KARAKAŞ, ÖZKAN CORUK**
LIQUEFACTION ANALYSIS OF YOUNG SEDIMENTS IN WESTERN PART OF IZMIT BASIN

15:40-16:00 **ABBAS ABBASZADEH SHAHRI, NOORBAKHSH MIRZAEI, MOHSEN GOUDARZI**
INVESTIGATION POSSIBILITY OF LAND SLIDE BECAUSE OF EARTHQUAKE WITH RESPECT TO CLIMATE CONDITIONS IN 2 PROVINCES OF IRAN (LORESTAN_KHOUZESTAN) BY ANALYSIS OF FIELD AND RECORDED DATA WITH AN INVERSE SIMULATION METHOD

16:00-16:20 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: SAMİ ARSOY - ERTAN PEKŞEN

14:40-15:20 **K. GÖKHAN ELGİN**
İSTANBUL SEISMIC RISK MITIGATION AND EMERGENCY PREPAREDNESS PROJECT (ISMEP)
İSTANBUL SİSMİK RİSKİN AZALTILMASI VE ACİL DURUM HAZIRLIK PROJESİ (İSMEP)

15:20-15:40 **MİNE AKYOL, MERYEM HAYIR**
EFFECTS OF DISASTER HOUSES BUILT AFTER 17 AUGUST 1999 EARTHQUAKE ON DEVELOPMENT OF ADAPAZARI CITY

15:40-16:00 **KAMİL YÜCEEL**
1999 DEPREMİNDE İCRA EDİLEN FAALİYETLE İLE DEPREM MÜDAHALE TİMLERİNİN ORGANİZASYONU VE İMKAN KABİLİYETİ

16:00-16:20 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: EMİNE KOMUT

14:40-15:00 **EMİNE KOMUT**
DOĞAL AFETLERDEN SONRA YAPILACAK BARINAKLARDA YENİLENEBİLİR ENERJİ KAYNAKLARININ KULLANIMI VE BİOKLİMSEL MİMARİ ÖRNEKLERİ

15:00-15:20 **SEVGÜL LİMONCU**
PROBLEMS OF POST-DISASTER RECONSTRUCTION STAGE IN TURKEY AND PRECAUTIONS
TÜRKİYE'DE YENİDEN YAPIM AŞAMASINDA YAŞANAN SORUNLAR VE ÖNERİLER

15:20-15:40 **RÜVEYDA KÖMÜRLÜ, KAMURAN ÖZTEKİN**
ORGANIZATION, PROBLEMS AND SOLUTIONS FOR THE HOUSING DEVELOPMENTS AFTER THE EARTHQUAKE
KALICI DEPREM KONUTLARINDA ÜRETİM SÜRECİNİN ÖRGÜTLENMESİ, SORUNLARI VE ÇÖZÜM ÖNERİLERİ

15:40-16:00 **KUTLUĞ SAVAŞIR**
DEPREM SONRASI KALICI KONUT ÜRETİMİ İÇİN HIZLI VE EKONOMİK BİR YAPIM SİSTEMİ ÖNERİSİ

16:00-16:20 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: GUNDUZ HORASAN - TURGAY ISSEVEN

14:40-15:00 **BÜLENT ORUÇ, AYHAN KESKİNSEZER**
IMAGING OF STRUCTURAL DISCONTINUES USING NORMALIZED FULL GRADIENT OF MAGNETIC ANOMALIES
MANYETİK ANOMALİLERİN NORMALİZE TAM GRADYENTİ İLE YAPISAL SÜREKSİZLİKLERİN GÖRÜNTÜLENMESİ

15:00-15:20 **ÖZKAN KAFADAR, İBRAHİM SERTÇELİK**
INTERPRETATION OF MAGNETIC ANOMALIES USING A PARAMETRIC RELATIONSHIP
PARAMETRİK BİR İLİŞKİ KULLANILARAK MANYETİK ANOMALİLERİN YORUMU

15:20-15:40 **METİN AŞÇI, TÜRKER YAS, MEHMET ONUR MATARACIOĞLU**
AN APPROACH FOR THE GRAVITY-MAGNETIC DATA WITH VARIOUS MODELS
GRAVİTE - MANYETİK VERİLERİNE ÇEŞİTLİ MODELLELERLE YAKLAŞIM

15:40-16:00 **HAKAN KARSLI**
FILTERING GROUND ROLL NOISE IN TERMS OF LOCAL WAVEFIELD DECOMPOSITION
YEREL DALGA ALANI AYRIŞTIRMA SAYESİNDE GROUND ROLL GÜRÜLTÜSÜNÜN SÜZÜLMESİ

16:00-16:20 BREAK / ARA

AKIK

LAPIS

OPAL

TOPAZ

23.10.2007

TUESDAY / SALI

16:20 - 17:20

TURKUAZ

CHAIRMAN / OTURUM BAŞKANI : ŞENOL GÜRSOY

14:40-15:00 **DİLEK ERYURTLU, AGAH DURUKAL**
KENDİLİĞİNDEN YERLEŞEN VE SIKIŞAN BETON & DURABİLİTE

15:00-16:00 **ENGİN CÜNEYT SEYHAN**
ONARIM VE GÜÇLENDİRME SİSTEMLERİ

16:40-17:00 **OKAN DUYAR**
KENDİLİĞİNDEN YERLEŞEN BETON; TANIMLAR, DİZAYN YÖNTEMİ, DENEY METOTLARI

18:00 GALA YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI : SAMİ ARSOY

16:20-16:40 **P. BANİ BAYAT, A. SAEDİ DARYAN, A. PIRMOZ**
AN EXPERIMENTAL STUDY ON THE BEHAVIOR OF WELDED TOP-SEAT ANGLE CONNECTIONS IN FIRE

16:40-17:00 **P. BANİ BAYAT, A. SAEDİ DARYAN, A. PIRMOZ**
INVESTIGATION INTO THE FIRE-RESISTANCE CAPACITY OF BOLTED ANGLE CONNECTIONS

17:00-17:20 **U. TOPAL, Ü. UZMAN**
FREQUENCY OPTIMIZATION OF FUNCTIONALLY GRADED LAMINATED CYLINDRICAL SHELLS

18:00 GALA YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: HAKAN KARSLI - ERTAN PEKSEN

16:20-16:40 **YUNUS LEVENT EKİNCİ**
3D RESISTIVITY IMAGING IN ARCHAEOLOGICAL PROSPECTION: AN EXAMPLE FROM ANCIENT SITE OF PARION (BIGA-TURKEY)

16:40-17:00 **AHMED ZINE EDDINE SAAD**
CHARACTERIZATION OF THE FRACTURING OF THE AREA OF BOUZEDJAR (ORANIE NORTHERN WESTERN) BY THE DATA THEMATIC MAPPER STUDY AND ANALYSIS

17:00-17:20 **ABBAS ABBASZADEH SHAHRI, NOORBAKHSH MIRZAEI, MOHSEN GOUDARZI**
INVESTIGATION OF UPSTREAM FILTER LIQUIFACTION IN GAVSHAN EARTH DAM (KAMYARAN KORDESTAN PROVINCE IRAN) WITH A NEW COMBINED GEOTECHNICAL METHOD

18:00 GALA YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: EMİNE KOMUT

16:20

NOZUMU YAMASHITA
TO BE BETTER PREPARED JICA'S SUPPORT IN THE DISASTER FIELD

17:20

18:00 GALA YEMEĞİ

CHAIRMAN / OTURUM BAŞKANI: HALUK EYIDOĞAN - TAHİR SERKAN IRMAK

16:20-16:40 **A. BABAIE MAHANI, J. KAZEMIAN**
STRONG GROUND MOTION PARAMETERS OF FEBRUARY 22, 2005 DAHUIYEH (ZARAND) EARTHQUAKE IN CENTRAL IRAN

16:40-17:00 **ÖZLEM KARAGÖZ, NİHAL AKYOL**
GENERATION AND COMPARISON OF DIFFERENT FORMS OF ATTENUATION RELATIONSHIPS FOR THE WESTERN ANATOLIA, TURKEY

17:00-17:20 **WALEED EİD OLIMAT**
DETERMINE SITE EFFECT OF ZARQA CITY AND HASHEMITE UNIVERSITY CAMPUS BASED ON MICROTREMORS FIELD MEASUREMENTS: A MICROZONATION STUDY

18:00 GALA YEMEĞİ

AKIK

LAPIS

OPAL

TOPAZ

24.10.2007

WEDNESDAY / ÇARŞAMBA

09:30 - 10:30

TURKUAZ

CHAIRMAN / OTURUM BAŞKANI : ONDER EKINCI - ADNAN ONER

09:30-09:50

SAMİ ARSOY

ENGINEERING CAPACITY OF TURKISH MUNICIPALITIES FOR EARTHQUAKE RESISTANT CONSTRUCTION IMPLEMENTATION AND RECOMMENDATIONS FOR BETTER ENGINEERING PRACTICES
DEPREME DAYANIKLI YAPILAŞMA UYGULAMALARINDA BELEDİYELERİN MÜHENDİSLİK KAPASİTELERİ VE İYİLEŞTİRME ÖNERİLERİ

09:50-10:10

MÜCAHİT OPAN, TEMEL TEMİZ

SAFETY FACTORS FOR THE SEISMIC DESIGN OF CONCRETE GRAVITY DAMS

10:10-10:30

ALEMDAR BAYRAKTAR, ÖZLEM ÇAVDAR, AHMET ÇAVDAR, KURTULUŞ SOYLUK

STOCHASTIC FINITE ELEMENT ANALYSIS OF CABLE STAYED BRIDGES TO EARTHQUAKES
DEPREM ETKİSİNDEKİ KABLÖLÜ KÖPRÜLERİN STOKASTİK SONLU ELEMAN ANALİZİ

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI : MUSTAFA KEMAL TUNCER - TAHİR SERKAN IRMAK

09:30-09:50

MEHMET KURUOĞLU, NECDET TÜRK, ŞENOL ÖZYALIN

KARŞIYAKA (İZMİR) ZEMİNLERİ İÇİN DİNAMİK ANALİZ VE MİKROTREMOR ÖLÇÜM BULGULARININ KARŞILAŞTIRILMASI

09:50-10:10

TURGAY COŞGUN, ALİ PINAR, FETHİ AHMET YÜKSEL, AHMET COŞGUN

MEVCUT YAPILARIN DEPREM RİSKİ ANALİZİNDE, DİNAMİK ÖZELLİKLERİNİN BELİRLENMESİ İÇİN ÖRNEK BİR MİKROTREMOR ÇALIŞMASI

10:10-10:30

SAVAŞ KARABULUT, OĞUZ ÖZEL, FERHAT ÖZÇEP

MÜHENDİSLİK YAPILARININ HAKİM TİTREŞİM PERİYOTLARININ MİKROTREMOR ÖLÇÜMLERİ İLE BELİRLENMESİ: İ.Ü. MÜHENDİSLİK FAKÜLTESİ BİNASINDA UYGULAMALAR

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: AYKAN KARADEMİR - SENAY CETİN

09:30-09:50

HURİYE ANIL, ABDULLAH KARAMAN

HYDRODYNAMIC DISPERSION MODEL OF A LEAKAGE FROM AN HYPOTHETICAL SOLID WASTE STORAGE IN SİNEKLİ, SİLİVRİ, İSTANBUL
SİLİVRİ SİNEKLİ KUM OCAĞININ KATI ATIK DEPOSU OLARAK KULLANILMASI HALİNDE ÇEVRE ETKİSİNİN İNCELENMESİ

09:50-10:10

İSMAİL KILIÇ

EARTHQUAKE AND WASTE CONCRETE PROBLEMS ,
DEPREM VE ATIK BETON SORUNU

10:10-10:30

BORDO DÖKÜMAN SİSTEMLERİ

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: AYSE CALIK ROSS - OYA YAZICI ÇAKIN

09:15-09:30

BEKİRPAŞA BELEDİYESİ SUNUMU

09:30-09:50

EROL KÖKTÜRK, ERGÜN ÖZTÜRK, DR. MURAT SELİM ÇEPNİ

ANALYSIS TO PROBLEM OF OWNERSHIP CAUSED BY EARTHQUAKE DAMAGE AND LAND MANAGEMENT
DEPREM HASARLARININ YOL AÇTIĞI MÜLKİYET SORUNLARININ ÇÖZÜMLENMESİ VE ARAZİ YÖNETİMİ

09:50-10:10

SELMA KILIÇ, AHMET ŞAHİN, ALİ COŞKUN, MURAT DURUSU

THE IMPORTANCE OF TENT HOSPITALS IN DISASTERS; EVALUATION OF AN EXPERIENCE
AFET ZAMANLARINDA ÇADIR HASTANELERİN ÖNEMİ: BİR UYGULAMA DEĞERLENDİRMESİ

10:10-10:30

SİBEL KALAÇA

İSTANBULDA DEPREME KARŞI BİRESYEL DÜZEYDE ÖNLEM ALMAYI BELİRLEYEN FAKTÖRLER

10:30-10:50 BREAK / ARA

LAPIS

OPAL

TOPAZ

10:30-10:50 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI : ADNAN ONER

10:50-11:10

NACİ ÇAĞLAR, NECATİ MERT, MUZAFFER ELMASNONLINEAR ANALYSIS OF RC BEAM STRENGTHENED WITH FIBER REINFORCED PLASTIC
FIBER TAKVİYELİ POLİMERLE GÜÇLENDİRİLEN BETONARME KİRİŞLERİN DOĞRUSAL OLMAYAN ANALİZİ

11:10-11:30

ERDİNÇ KESKİN, SAMİ ARSOY, CÜNEYT YILMAZINVESTIGATION EFFECT OF PERMEATION GROUTING ON SHEAR STRENGTH OF SOIL VIA DIRECT SHEAR DEVICE
KESME KUTUSU DENEY DÜZENEGİ KULLANILARAK PERMEASYON ENJEKSİYONUNUN ZEMİNİN KAYMA DİRENCİNE KATKISININ İNCELENMESİ**12:00-13:00 LUNCH / ÖĞLE YEMEĞİ****CHAIRMAN / OTURUM BAŞKANI : CENGİZ KURTULUS - ERTAN PEKSEN**

10:50-11:10

FERHAT ÖZÇEP, BURCU KORKMAZ, SAVAŞ KARABULUT, HALİL ZARİFFAST AND EFFICIENT USE OF GEOPHYSICAL AND GEOTECHNICAL DATA IN URBAN MICROZONATION STUDIES AT SMALL SCALES: SISLI (İSTANBUL) EXAMPLE
KÜÇÜK ÖLÇEKLERDE KENTSEL MİKROBÖLGELEME ÇALIŞMALARINDA JEOFİZİK VE GEOTEKNİK VERİNİN HIZLI VE ETKİN KULLANIMI: ŞİŞLİ (İSTANBUL) ÖRNEĞİ

11:10-11:30

S.S. TEZCAN, Z. ÖZDEMİR, A. KEÇELİ, A. ERKAL

SİSMİK YÖNTEM İLE ZEMİN VE KAYAÇLARDA EMNİYET GERİLMESİNİN BELİRLENMESİ

11:30-11:50

FIKRET KURNAZ, A. SERHAT DEMİR, A. BENGÜ SÜNBÜL, FATİH SÜNBÜLLIQUEFACTION ANALYSIS AND ESTIMATION OF ADAPAZARI SOIL DEPENDING ON CHINESE CRITERIA NEURAL NETWORK
ADAPAZARI ZEMİNLERİNDE ÇİN KRİTERİNE DAYANILARAK YAPAY SİNİR AĞLARI İLE SIVILAŞMA ANALİZİ VE TAHMİNİ**12:00-13:00 LUNCH / ÖĞLE YEMEĞİ****CHAIRMAN / OTURUM BAŞKANI: OMER FEYZİ GURER - OYA YAZICI ÇAKIN**

10:50-11:10

MEHMET UTKUTURKISH ACTIVE TECTONICS UNDER THE DOMINANT GLOBAL COMPRESSIONAL TECTONICS
BASKIN GLOBAL SIKIŞMA ALTINDA TÜRKİYE AKTİF TEKTONİĞİ

11:10-11:30

LEVENT EREL, FATİH ADATEPE

HISTORICAL EARTHQUAKES AFFECTING URBAN LIFE ALONG THE MEDITERRANEAN COAST OF TURKEY

11:30-11:50

MEHMET UTKUTHE ASSESSMENT BOUNDARIES IN ACTIVE TECTONICS
AKTİF TEKTONİK DEĞERLENDİRMEDE SINIRLAR**12:00-13:00 LUNCH / ÖĞLE YEMEĞİ****CHAIRMAN / OTURUM BAŞKANI: NIYAZI TURKELLI - OMER AKBAS**

10:50-11:10

O. METİN İLKİŞİK

İSTANBUL EARTHQUAKE RISK AND MITIGATION STUDIES

11:10-11:30

Ş. ŞAHİN, Ü.Y. KALYONCUOĞLU, B. ARI, M. GÜRBÜZ, B. BENİTOTHE DETERMINATION OF THE SOURCE PARAMETERS FROM THE EARTHQUAKES RECORDED BY BYTNET NETWORK
BYTNET AĞINDA KAYDEDİLEN DEPREMLERİN KAYNAK PARAMETRELERİNİN BELİRLENMESİ

11:30-11:50

Z.A. DENİZÖĞLU, B. TÜZEL, Y. İRAVUL, M. A. AKLANNATIONAL STRONG GROUND MOTION NETWORK
ULUSAL KUVVETLİ YER HAREKETLERİ KAYIT ŞEBEKESİ**12:00-13:00 LUNCH / ÖĞLE YEMEĞİ****12:00-13:00 LUNCH / ÖĞLE YEMEĞİ**

CHAIRMAN / OTURUM BAŞKANI : HASAN ARMAN - ZEKİ GUNDUZ

- 13:00-13:20 **DİLEK M. ERYILMAZ, UMUT MALTAŞ, ERKAN ÇELEBİ, OSMAN KIRTEL**
SUBSTRUCTURING ANALYSIS BASED ON IMPEDANCE FUNCTIONS FOR SOIL-STRUCTURE COUPLING SYSTEM SUBJECTED TO DYNAMIC LOADS
DİNAMİK YÜKLER ETKİSİ ALTINDAKİ ÜSTYAPI-ZEMİN ORTAK SİSTEMİNİN EMPEDEANS FONKSİYONLARINA DAYALI ÇÖZÜMÜ
- 13:20-13:40 **ERCAN ÖZGAN, AHMET GÖKDEMİR, SERKAN SUBAŞI, KÜRŞAT YILDIZ**
IMPLEMENTATION OF MICROCEM 900 H CEMENT INJECTION INTO LOW POROSITY SOILS
DÜŞÜK POROZİTELİ ZEMİNLERDE MICROCEM 900 H ÇİMENTO ENJEKSİYONU UYGULAMASI
- 13:40-14:00 **EMRE ÖZCAN, ADİL ÖZDEMİR**
INTEGRITY TESTING IN BORED PILE AND JET GROUT COLUMNS
FORE KAZIK VE JET GROUT KOLONLARINDA BÜTÜNLÜK DENEYİ UYGULAMASI
- 14:00-14:20 **TABOSAN A.Ş. TEKNİK YETKİLİSİ**
BİR YAPISAL ÇELİK UYGULAMASI VE DIAMOND OF ISTANBUL

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI : NURCAN OZEL - FERHAT OZCEP

- 13:00-13:20 **GÜLTEN POLAT, M. NURCAN ÖZEL**
DEEP AZIMUTHAL SEISMIC ANISOTROPY IN THE WESTERN ANATOLIA AND AEGEAN SUBDUCTION ZONE
- 13:20-13:40 **ALKAN, BEYHAN, TEOMAN**
3-D SEISMIC TOMOGRAPHY OF SAKARYA BASIN
SAKARYA BASENİNİN 3-D SİSMİK TOMOGRAFİSİ
- 13:40-14:00 **FADİME SERTÇELİK, CENGİZ KURTULUŞ**
FREQUENCY ANALYSIS AND ARGAND DIAGRAMS OF THE FIRST EVENTS ON REFRACTION SEISMOGRAMS
- 14:00-14:20 **MUSTAFA ALTUĞ İLERCI - HP**
GENİŞ FORMAT YAZICILARDA YENİ TEKNOLOJİLER
- 14:20-14:40 **ESİN NECEF - VEKTÖR**
VEKTÖR VE MÜHENDİSLİK UYGULAMALARINDA BİLİŞİM

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: KAMURAN OZTEKİN - AYŞE TUĞBA ÖKSE

- 13:00-13:20 **AYŞE ÇALIK ROSS**
ARCHAEOSEISMOLOGY AND NICOMEDIA (ANCIENT İZMİT)
ARKEOSİSMOLOJİ VE NİKOMEDİA (ANTİK İZMİT)
- 13:20-13:40 **S. ÖZEL, C. KAYA, B. CAN**
ARCHEOGEOPHYSICAL STUDIES IN ALTINTEPE URARTU CASTLE
ALTINTEPE URARTU KALESİ ARKEOJEOFİZİK ÇALIŞMALARI
- 13:40-14:00 **ŞENGÜL AYDINGÜN**
ANADOLU VE EGE'DE TARİH ÖNCESİNDE YAŞANAN DEPREMLERİN YERLEŞİM ALANLARINA ETKİLERİ
- 14:00-14:20 **AYŞE ÇALIK ROSS, ALİ BORA, YASEMİN ESENTÜRK**
GEOARCHAEOLOGICAL STUDIES IN NICOMEDIA AND İTS ENVIRONS
NİKOMEDİA (ANTİK İZMİT) ÇEVRESİNDE JEOARKEOLOJİ ÇALIŞMALARI

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI: ZORAN MILUTINOVIC

- 13:00-13:20 **ZORAN V. MILUTINOVIC**
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- 13:20-13:40 **H. ARSLAN, N.COŞGUN**
THE EVALUATION OF POST DISASTER TEMPORARY EARTHQUAKE HOUSES DISMANTLING PROCESS IN THE CONTEXT OF BUILDING WASTE MANAGEMENT
- 13:40-14:00 **HEDAYAT SHAHBAZI**
BAM CITADEL, YESTERDAY AND TODAY
PREVENTION FACTORS OF BRICK MONUMENTS DESTRUCTION
- 14:00-14:20 **E.Ö. AYDIN, Y.M. FAHJAN, R. ÇÖMLEKÇİOĞLU**
INNOVATIVE RETROFITTING TECHNIQUES FOR HISTORICAL MASONRY STRUCTURES UNDER THE RISK OF EARTHQUAKES
DEPREM BÖLGELERİNDEKİ TARİHİ KÂGİR YAPILARIN GÜÇLENDİRİLMESİNDE KULLANILAN YENİ TEKNİKLER

14:20-14:40 BREAK / ARA

CHAIRMAN / OTURUM BAŞKANI : ZEKI GUNDUZ - YASIN FAHJAN

- 14:40-15:00 **ZEHRA ŞULE GARİP, NACİ ÇAĞLAR, MURAT PALA, NİHAN ALA**
SOIL-STRUCTURE INTERACTION ANALYSIS OF RC BUILDINGS SETTLED IN SOIL CONDITIONS OF ADAPAZARI
ADAPAZARINDAKİ ZEMİN ŞARTLARINDA BETONARME YAPILARIN YAPI-ZEMİN ETKİLEŞİMİ
- 15:00-15:20 **NAZİLE URAL**
FACTORS INFLUENCING THE LIQUEFACTION SILT IN THE CYCLIC TRIAXIAL TEST
DİNAMİK ÜÇ EKSENLİ DENEYİNDE SİLTLERİN SİVİLAŞMASINI ETKİLEYEN FAKTÖRLER
- 15:20-15:40 **UTKAN MUTMAN, AYDIN KAVAK**
REDUCING LIQUEFACTION POTENTIAL BY LOW PRESURE CEMENT GROUTING
- 15:40-16:00 **NAZİLE URAL, ZEKİ GÜNDÜZ**
ZEMİNLERDE SİVİLAŞMA VE TAŞIMA GÜCÜ KAYIPLARI

16:00-16:20 BREAK / ARA**CHAIRMAN / OTURUM BAŞKANI : HASAN ARMAN - AHMET KARAKAS**

- 14:40-15:00 **BAYRAKTAR, ALTUNIŞIK, SEVİM, TÜRKER, ATEŞ, ADANUR**
DETERMINATION OF EARTHQUAKE BEHAVIOR OF HIGHWAY BRIDGES BY OPERATIONAL MODAL ANALYSIS
KARAYOLU KÖPRÜLERİNİN DEPREM DAVRANIŞLARININ OPERASYONAL MODAL ANALİZ YÖNTEMİYLE BELİRLENMESİ
- 15:00-15:20 **ADEM DOĞANGÜN, RAMAZAN LİVAOĞLU, RAMAZAN ACAR**
YAPI-ZEMİN ETKİLEŞİMİNİ DİKKATE ALARAK MİNARELERİN DEPREM DAVRANIŞLARININ İNCELENMESİ
- 15:20-15:40 **ALİ URAL, ADEM DOĞANGÜN**
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MİKRO MODELLEME TEKNİĞİ KULLANILARAK YIĞMA YAPILARIN DEPREM PERFORMANSLARININ İNCELENMESİ
- 15:40-16:00 **BAYRAKTAR, TÜRKER, ALTUNIŞIK, SEVİM**
THE DETERMINATION OF MODEL UPDATING EFFECTS ON EARTHQUAKE BEHAVIOUR OF MASONRY BUILDINGS
ANALİTİK MODEL İYİLEŞTİRMENİN YIĞMA BİNALARIN DEPREM DAVRANIŞINA ETKİSİNİN BELİRLENMESİ

16:00-16:20 BREAK / ARA**CHAIRMAN / OTURUM BAŞKANI: SAMİR SALHA - İLKER COLAK**

- 14:40-15:00 **GÖNÜL BALKIR**
DEPREM SÜRECİNDE YERLEŞME ÖZGÜRLÜĞÜ VE KONUT HAKKI'NDA ANAYASAL SINIRLAR VE UYGULAMA SORUNLARI
- 15:00-15:20 **İBRAHİM AŞIK**
MAKUL SÜREDE YARGILANMA HAKKI VE DEPREM DAVALARI
- 15:20-15:40 **NURAY BARLAS**
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- 15:40-16:00 **YUSUF ÇALIŞKAN**
THE ROLE OF THE EUROPEAN UNION ON HUMANITARIAN AID FOR EARTHQUAKE VICTIMS

16:00-16:20 BREAK / ARA**CHAIRMAN / OTURUM BAŞKANI: YILDIZ SEY**

- 14:40-15:00 **YILDIZ SEY**
- 15:00-15:20 **NİLAY COŞGUN, NİLÜFER TAŞ, MURAT TAŞ**
ARCHITECTURAL TRAINING AND DISASTER/EARTHQUAKE
MİMARLIK EĞİTİMİ VE AFET/DEPREM
- 15:20-15:40 **M. TOLGA AKBULUT**
EXAMINATION OF EARTHQUAKE SAFETY OF EDUCATION BUILDINGS AND THEIR DESIGN PRINCIPLES
EĞİTİM YAPILARININ DEPREM GÜVENLİĞİNİN SORGULANMASI VE TASARIM PRENSİPLERİ
- 15:40-16:00 **EROL LOMLU**
A CONSTRUCTION PROPOSAL TO INCREASE THE RESISTANCE OF SINGLE-STOREY MASONRY BUILDINGS TO EARTHQUAKE EFFECT
DEPREME KARŞI TEK KATLI KARGİR BİNALARIN DAYANIMINI YÜKSELTECEK BİR YAPIM ÖNERİSİ

16:00-16:20 BREAK / ARA

24.10.2007

WEDNESDAY / ÇARŞAMBA

16:20 - 17:20

TURKUAZ

CHAIRMAN / OTURUM BAŞKANI : YASIN FAHJAN

16:20-16:40 **ERCAN ÖZGAN**
INVESTIGATION OF THE INTERACTION BETWEEN CONSTRUCTION -SOIL FOR CONSOLIDATION, DÜZCE SAMPLE
YAPI-ZEMİN ETKİLEŞİMİNİN KONSOLIDASYON AÇISINDAN İNCELENMESİ, DÜZCE ÖRNEĞİ

16:40-17:00 **ARMAĞAN KORKMAZ, SAADET TOKER**
SEISMIC ASSESSMENT OF HISTORICAL BUILDINGS IN ISPARTA, TURKEY

17:00-17:20 **YTONG**

FAREWELL PARTY (in the Kocaeli University Umuttepe Campus)/ KAPANIŞ KOKTEYLİ (Kocaeli Üniversitesi Umuttepe Kampüsü'nde)

CHAIRMAN / OTURUM BAŞKANI : HALUK KONAK - OZAN ARSLAN

16:20-16:40 **O. KURT, C.D. İNCE, H. KONAK, M.S. ÇEPNİ**
MONITORING OF CRUSTAL MOVEMENTS BY USING KALMAN FILTER
YERKABUĞU HAREKETLERİNİN KALMAN FİLTRESİ İLE İZLENMESİ

16:40-17:00 **M.S. ÇEPNİ, H. KONAK, O. KURT**
ANALYSIS OF DISCONTINUITIES ON EARTH'S CRUST MOVEMENTS BY LOCAL GEOIDS EVALUATED FINITE ELEMENTS
SONLU ELEMANLARLA MODELLENEN YEREL JEOİTLER YARDIMIYLA, YER KABUĞU HAREKETLERİNDEKİ DÜŞEY BİLEŞENLERİN İRDELENMESİ

17:00-17:20 **O. KURT, O. ARSLAN, H. KONAK**
DOUBLE STAGE SEMI DYNAMIC POLYNOMIAL SURFACE FITTING FOR MODELLING THE LOCAL GEOID
LOKAL JEOİT MODELLEMEDE ÇİFT AŞAMALI YARI DİNAMİK POLİNOMİSAL YÜZEY UYDURMA

FAREWELL PARTY (in the Kocaeli University Umuttepe Campus)/ KAPANIŞ KOKTEYLİ (Kocaeli Üniversitesi Umuttepe Kampüsü'nde)

CHAIRMAN / OTURUM BAŞKANI: KAMURAN ÖZTEKİN - AYŞE CALIK ROSS

16:20-16:40 **TANER AKSOY**
SAPANÇA GÖLÜ SUALTI KALINTILARI

16:40-17:00 **HALE GÜNEY**
ANTİK ÇAĞ'DA DEPREM VE TANRI POSEİDON

17:00-17:20 **YASEMİN ESENTÜRK, AYŞE TUBA ÖKSE, AHMET GÖRMÜŞ**
EARTHQUAKE TRACES IN THE ANATOLIAN BRONZE AGE
ANADOLU BRONZ ÇAĞIN'DAN DEPREM İZLERİ

17:20-17:40 **ERDOĞAN KOTİL, FATİH KONUR, HÜSEYİN ÖZGÜR**
KÖRFEZ DEPREMİNİN EKONOMİK ETKİLERİ

FAREWELL PARTY (in the Kocaeli University Umuttepe Campus)/ KAPANIŞ KOKTEYLİ (Kocaeli Üniversitesi Umuttepe Kampüsü'nde)

AKIK
LAPIS

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*SITE CLASSIFICATION AND SEISMIC HAZARD EVALUATION FOR KOCAELI PROVINCE AND PARAMETERS CONSIDERED FOR LOCAL SITE SURVEYS
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ESHAGHI, GHEITANCHI, ZARE, KAZEMIAN

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Abbas ABBASZADEH, Shahri NOORBAKHSI, Mirzaei Mohsen GOUDARZI

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*AN EVALUATION OF EARTHQUAKE HAZARD PARAMETERS BASED ON THE INSTRUMENTAL DATA FOR DIFFERENT SEISMIC REGIONS OF TURKEY AND
ADJACENT AREAS*

TÜRKİYE VE CİVARINDAKİ FARKLI SİSMİK BÖLGELER İÇİN ALETSEL VERİYE DAYALI DEPREM HAZARD PARAMETRELERİNİN BİR DEĞERLENDİRMESİ

SOURCE RUPTURE PROCESSES AND CRUSTAL DEFORMATION**Fatma MALCIOGLU, Tuncay TAYMAZ**

21 FEBRUARY 2007 SIVRICE-ELAZIG EARTHQUAKE SOURCE MECHANISM SOLUTION

Tuğba AVCI, Tuncay TAYMAZ24 OCTOBER 2006 GULF OF GEMLIK EARTHQUAKE ($M_L \sim 5.2$) SOURCE MECHANISM SOLUTION**Seda YOLSAL, Tuncay TAYMAZ, Ahmet Cevdet YALÇINER**

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M. BAGHERI, M.A. RIAHI, Z.O. KHAXAR, J. HOSSEINI

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Alemdar BAYRAKTAR, Murat Emre KARTAL, Hasan BAŞAĞA

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MATERIAL OF STRUCTURES**Harun TANYILDIZI, Ahmet COŞKUN**

FUZZY LOGIC MODEL FOR PREDICTION OF COMPRESSIVE STRENGTH OF LIGHTWEIGHT CONCRETE MADE WITH SCORIA AGGREGATE AND FLY ASH

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SOIL DYNAMICS AND LIQUFACTION**Metin AŞÇI, Türker YAS, Deniz ÇAKA, Berna ERDOĞAN, Ferhat ÖZÇEP**LIQUEFACTION POTENTIAL OF KOCAELI-GOLCUK COLLAPSED REGION SOILS
KOCAELİ-GÖLCÜK ÇÖKME BÖLGESİ ZEMİNİNİN SIVILAŞMA POTANSİYEL**EFFECTS OF SOIL CONDITIONS****Murat SANDALCI, Birgül KINALIBALABAN, Fatih SÜNBÜL, Günay BEYHAN**

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ANALYTICAL FRAMEWORK FOR AN EARTHQUAKE DISASTER SCENARIO

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Nihan ERDOĞAN

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N. TÜRKELLİ, S. SEZAN

BOĞAZICI UNIVERSITY KANDILLI OBSERVATORY AND EARTHQUAKE RESEARCH INSTITUTE EARTHQUAKE SENSIBILITY DAYS PROJECT IN TURKEY

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ARCHAEGEOPHYSICS

Metin AŞÇI, Mithat F. ÖZER, Harald STÜMPPEL, Cengiz KURTULUŞ, Şerif BARIŞ, Türker YAS, Ercan ERKUL

A STUDY FOR DETERMINING THE ARCHEOLOGICAL OBJECTS WITH GEOPHYSICS TECHNIQUES: KOCAELI, UCTEPELER TUMULUS

ARKEOLOJİK YAPILARIN JEOFİZİK YÖNTEMLERLE BELİRLEMESİNE YÖNELİK BİR UYGULAMA: KOCAELİ ÜÇTEPELER TUMULUSU

Fethi Ahmet YÜKSEL, Fikret BOŞÇA, Fuat DERELİ

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