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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30-08:45</td>
<td><strong>On-Site Registration</strong></td>
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<tr>
<td>08:45-09:00</td>
<td><strong>Opening Ceremony</strong></td>
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<tr>
<td>09:00-09:30</td>
<td><strong>Keynote Speech: Prof. Mehmet Gulluoglu, Head of AFAD (Disaster and Emergency Management Presidency)</strong></td>
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<tr>
<td>09:30-10:00</td>
<td><strong>Coffee Break &amp; Opening of Stands</strong></td>
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<tr>
<td>10:00-10:30</td>
<td><strong>Panel: 20th Anniversary of the Marmara Earthquake — What Has Been Done?</strong></td>
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<tr>
<td>10:30-10:55</td>
<td><strong>Panel: Prof. Haluk Sucuoglu (METU), Dr. Murat Nurlu (AFAD), Banu Aslan Can (T.R. Ministry of Environment and Urbanization), Musa Alphan Bahar (DASK), Yusuf Zalit Gundogdu (Private Sector)</strong></td>
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<tr>
<td>12:30-13:15</td>
<td><strong>Lunch</strong></td>
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<tr>
<td>13:45-14:15</td>
<td><strong>Parallel Oral Sessions 1</strong></td>
<td></td>
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<tr>
<td>13:45-14:00</td>
<td><strong>Collapse Limit States of Retrofit Rongered Concrete Members</strong></td>
<td>B. Binici, A. Yakut, K. Tuncay, E. Canbay (METU), E. Gumus, A. Yilmaz (Ministry of Environment and Urbanization)</td>
</tr>
<tr>
<td>14:30-14:45</td>
<td><strong>Seismic Assessment and Retrofitting of an Existing RC Building by Using Steel Braced Frames</strong></td>
<td>A. Aldemir (Hacettepe Uni), B. Binici, A. Yakut (METU), M. Varbin (Ministry of Environment and Urbanization)</td>
</tr>
<tr>
<td>14:35-14:50</td>
<td><strong>Seismic Isolation and Damage Assessment of an Existing Building</strong></td>
<td>M. Genes (Eastern Mediterranean Uni), A. Alhamash (Zawia Uni)</td>
</tr>
<tr>
<td>15:00-15:15</td>
<td><strong>Analytical Predictions of Ultimate Displacement of RC Structural Walls for Performance-Based Design</strong></td>
<td>R. Mustafa, K. Fouda, K. Melani, K. Abderrahmane (CSG Algeria)</td>
</tr>
<tr>
<td>15:45-15:55</td>
<td><strong>Site Effects / Microzonation 1</strong></td>
<td>R. Tuli (Uni of Blida), K. Susumo (Tokyo Institute of Technology)</td>
</tr>
<tr>
<td>16:30-16:45</td>
<td><strong>Chairman: Esref Yalincak (Istanbul Uni)</strong></td>
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</tr>
<tr>
<td>16:45-17:00</td>
<td><strong>Competition of 2007 and 2018 Turkish Building Codes of Site Classification Procedure</strong></td>
<td>C. Ilhan, M. Yilmaz, B. Bakir (METU)</td>
</tr>
<tr>
<td>17:05-17:15</td>
<td><strong>Evaluation of the Performance of the New Turkish Building Design Regulations by Site Specific Analysis</strong></td>
<td>M. Friz (German Research Institute for Geosciences), S. Kotha, F. Cotton (Potsdam GFZ)</td>
</tr>
<tr>
<td>17:15-17:30</td>
<td><strong>Chairman: Aydin Onar (Istanbul Technical University)</strong></td>
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<tr>
<td>17:30-17:45</td>
<td><strong>Comparison of Turkish Earthquake Code 2018 with US Seismic Codes</strong></td>
<td>M. Nemat (Bingöl Uni), A. Sari (ITU)</td>
</tr>
<tr>
<td>17:45-17:55</td>
<td><strong>Seismic Evaluation of the Structural Systems of Buildings as Given in the Turkish Building Seismic Code</strong></td>
<td>M. Yavas, A. Teloglu, C. Celiz (Fatih Sultan Mehmet Vakif Uni)</td>
</tr>
<tr>
<td>19:30-19:45</td>
<td><strong>The Seismic Design of 62 Story Building in Istanbul</strong></td>
<td>M. Erdem, M. Bicer (Istanbul Technical University)</td>
</tr>
<tr>
<td>19:45-20:00</td>
<td><strong>Chairman: Serhat Kocat (METU)</strong></td>
<td></td>
</tr>
<tr>
<td>20:00-20:15</td>
<td><strong>Earthquake Engineering Pricing and Cost-Bonds</strong></td>
<td>S. Kocat (Head of Actuary Department, METU Applied Mathematics Institute)</td>
</tr>
<tr>
<td>20:15-20:30</td>
<td><strong>The Turkish Insurance Sector, Insurance Association of Turkey and Earthquake Insurance</strong></td>
<td>S. Kocat (Head of Actuary Department, METU Applied Mathematics Institute)</td>
</tr>
<tr>
<td>20:30-20:45</td>
<td><strong>Impact of Simulated Ground Motions on Insurance Premiums: Bursa Case Study</strong></td>
<td>S. Kocat (Head of Actuary Department, METU Applied Mathematics Institute)</td>
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<tr>
<td>20:45-20:50</td>
<td><strong>Open Discussions</strong></td>
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<thead>
<tr>
<th>Time</th>
<th>Code</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>16:00-16:15</td>
<td>9413</td>
<td>The vibration of rotary machines in an industrial structure and investigation of the effect on the structure</td>
<td>A Mahdavi, S Yildirim, EO Mutlu (PROMER), BO Caglayan (ITU), Yi Tonguc (PROMER)</td>
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<tr>
<td>16:15-16:30</td>
<td>9544</td>
<td>Investigation of effects of coupling beams connecting two buildings through their floor levels</td>
<td>F Aras (Medeniyet Uni), S Caribasi (Mettepe Uni), T Alkas (Medeniyet Uni)</td>
</tr>
<tr>
<td>16:30-16:45</td>
<td>9025</td>
<td>Study on statistical evaluation in time-frequency domain for damage identification</td>
<td>O Fak, K Bayen (Kocaeli Uni)</td>
</tr>
<tr>
<td>16:45-17:00</td>
<td>9382</td>
<td>Long-term change of the dynamic parameters of Hagia Sophia</td>
<td>E Dar (Bogazici Uni)</td>
</tr>
<tr>
<td>17:00-17:15</td>
<td>8897</td>
<td>Recent instrumentation, software and analysis practices in structural health monitoring</td>
<td>S Dincir, E Aydin, H Gencer (TDG)</td>
</tr>
<tr>
<td>16:00-16:15</td>
<td>8895</td>
<td>Microzonation study of urban center based on a new site classification scheme and microtremor measures</td>
<td>N Laouami, N Mezouar, H Bourenane, A Mestani (CGS Algeria)</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>9305</td>
<td>New insight on ambient vibration HVSR peak stability and reproducibility in Algiers (Algeria)</td>
<td>N Benkaci, EH Ouabache (CGS), J-L Chatelain (IRD-STerre, France), R Bessalem (CGS), D Benoura (USTHB), K Abbes (CGS)</td>
</tr>
<tr>
<td>16:30-16:45</td>
<td>8903</td>
<td>Site-specific ground response analysis taking into account the superficial fill effects</td>
<td>N Mezouar, R Benchafir, A Abouarabi, N Laouami, S Bedir, W Koulci (CGS Algeria)</td>
</tr>
<tr>
<td>16:45-17:00</td>
<td>8896</td>
<td>Numerical evaluation of slope topography effects on seismic ground response</td>
<td>A Messaoudi (ENSTP), N Mezouar, N Laouami (CGS Algeria), M Hadid (ENSTP)</td>
</tr>
<tr>
<td>17:00-17:15</td>
<td>8929</td>
<td>The evaluation of the performance of the new Turkish building design regulations by site specific analysis</td>
<td>R Benchafir (CGS Algeria), A Zahafi, M Hadid (ENSTP), N Mezouar (CGS Algeria)</td>
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<tr>
<td>17:15-17:30</td>
<td>9438</td>
<td>Geotechnical and seismic characterization studies for the Orta District, Çankırı</td>
<td>AM Eker (HD Enerji AS), H Akgun (METU), MK Koksal (Hacettepe Uni)</td>
</tr>
<tr>
<td>16:00-16:15</td>
<td>9264</td>
<td>Inspection of strength allocation in torsionally coupled systems</td>
<td>K Karatsis (Kırıkkale Ahi Evran Uni), H Sucuoğlu (METU)</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>9250</td>
<td>A study on dynamic amplification factor in shear walls</td>
<td>A Seckin (Kocaeli Uni), B Bayhan (Bursa Tech Uni), H Erdogan (Kocaeli Uni), B Doran (Yıldız Tech Uni)</td>
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<tr>
<td>16:30-16:45</td>
<td>9234</td>
<td>On seismic load reduction factor of mixed structures</td>
<td>C Aksöy, Z Calpak (Fatih Sultan Mehmets Valik Uni)</td>
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<tr>
<td>16:45-17:00</td>
<td>8892</td>
<td>Investigation of combined effects of earthquake horizontal directions in low-mid-storey buildings</td>
<td>B Ayar ve AA Dindar (Duzce Tech Uni)</td>
</tr>
<tr>
<td>16:00-16:15</td>
<td>9306</td>
<td>Analyses of dam-reservoir systems using the coupled modified applied-finite element methods</td>
<td>B Sosyal, K Tuncay, Y Arici (METU)</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>9096</td>
<td>Period prediction equation for concrete gravity dams with full reservoir conditions</td>
<td>A Aldemir (Hacettepe Uni)</td>
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<tr>
<td>16:30-16:45</td>
<td>9233</td>
<td>Seismic stability of large dams located near energy source and a case study</td>
<td>H Tosun (Eskişehir Osmangazi Uni)</td>
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<tr>
<td>16:45-17:00</td>
<td>9059</td>
<td>Earthquake safety evaluation of large dams in a basin and a case study</td>
<td>H Tosun (Osmangazi Uni), TV Tosun (TVT Hydrotech Bureau)</td>
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<tr>
<td>17:00-17:15</td>
<td>9044</td>
<td>Dynamic analysis of clay cored earthen dam in different frequency effect</td>
<td>E Guler, T Guler, KB Afacan, H Savas, M Turkoz (Eskişehir Osmangazi Uni)</td>
</tr>
<tr>
<td>17:15-17:30</td>
<td>9310</td>
<td>Web based software for the simulation of failure in concrete gravity dams using discrete elements</td>
<td>H Hassanzade, Y Arici (METU)</td>
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<tr>
<td>17:30-18:00</td>
<td></td>
<td>WELCOME COCKTAIL (CCC MAIN FOYER)</td>
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3
Hall B (Disaster Management) - Chairman: Nuray Karanci (METU)
10:45-11:00 9298 ENG Psychosocial aspects of disaster risk management AN Karanci (METU)
11:00-11:15 9118 ENG Disaster preparedness: Social-cognitive processes of individuals and education programs C Dogulu (TED Uni)
11:15-11:30 9302 ENG Psychosocial impacts of disasters G Ilker (TOBB Economy and Technology Uni)
11:30-11:45 9315 TUR Basic principles of psychosocial support in disasters Y Unal (Istanbul Bilgi Uni)
11:45-12:00 9289 TUR Field work of Trauma Disaster and Crisis Unit of Turkish Psychological Association Z Tanman (Hacettepe)
12:00-12:15 9227 TUR Locality, population and transmission-based definitions for disaster and emergency and solution proposals: Sample of Samsun, B Birinci, M Fiyoz (Ondokuz Mayis Uni)

12:15-13:15 LUNCH

13:45-15:15 PARALLEL ORAL SESSIONS #5

Hall B (Patient Performance #1) - Chairman: Ayhan Inceoglu (Purdue Uni)
13:45-14:15 10598 ENG Estimation of seismic demands of flag-shaped hysteretic structural systems using inelastic deformation ratios BK Shrestha, AC Wijayakurukrema (Tokyo Institute of Technology)
14:15-14:30 9119 ENG Inelastic structural response and near fault effects on Input energy prediction PS Alci (Baskent Uni), H Sucuoğlu (METU)
14:30-14:45 9171 ENG Estimation of residual displacement ratios for SDOF systems MC Aydemir, C Aydemir (Istanbul Aydin Uni)
14:45-15:00 9379 ENG Scattered earthquake resistant structures M Atar (Uni of Manchester)
15:00-15:15 9204 ENG Effect of openings on the seismic response of AAC filled frames L Todorovic, IO Demirbas, B Birinci (METU)

Hall B (Seismology #2) - Chairman: Ercin Gok (Dokuz Eylul Uni)
13:45-14:00 9283 TUR Correlations between high-frequency S-wave attenuation and Vs30 values for Western Turkey TO Kurtolmus (Dokuz Eylul Uni), SN Solman, A Askar (METU)
14:00-14:15 8972 TUR Frequency dependent attenuation of seismic waves in IZM (Western Anatolia) B Kalkar, E Gök (Dokuz Eylul Uni)
14:15-14:30 9192 TUR Investigation of earthquake activity occurred in Thermal district by seismology, gravity and MT methods D Cakal, B Tunç (Kocaeli U), E Budakoglu (Sakarya U), T Turkmen (AFAD), D Durgut, K Zengin, E Pekesin, B Oruc, S Baris (Kocaeli U)
14:30-14:45 8941 TUR The conditional probabilities of an earthquake according to different distribution models along the North Anatolian Fault Zone KH Coban, N Sayil (ITU)
14:45-15:00 9172 TUR An Investigation of the regional effects on ground motion predictive models for Turkey GTzanakis, S Askar, A Pinar (KOREH), E Yener (Nanometrics)
15:00-15:15 9271 ENG Simulated ground motion based evaluations for improving the limitations in Turkish Ground Motion Database K Gur (METU), O Kale (TED Uni), S Karimzadeh, A Askar (METU)

Hall D (Did Special Training Session on Seismic Isolation #2)
13:45-14:15 Ground motion selection for seismic design of base-isolated structures 1 Kuran (Istanbul) 2 Kuran (Istanbul)
14:15-14:45 Seismic design philosophy of base-isolated buildings 1 Kuran (Istanbul) 2 Kuran (Istanbul)
14:45-15:15 Seismic isolation devices and their inherent properties 1 Kuran (Istanbul) 2 Kuran (Istanbul)

Hall F (Sponsor Presentation Session)
13:30-14:00 PROTA Reinforcing the future with PROTA Isil Sorum/Mustafa Turan Tan
14:00-14:30 TS5 Base Isolation with Curved Surface Sliders (Fricion Pendulum) Ugurcan Ozcan (TS5)
14:30-15:00 OS4OMatrisLab OBISOS Technology and Solutions for Structural Health Monitoring: Case Studies Francois-Baptiste CARTIALX, Chief Scientific Officer, OS4OM GROUP

15:15-16:00 COFFEE BREAK & POSTER SESSION #2

CCC Small Foyer
8910 ENG Adapting neuro-fuzzy inference systems to establish GMPE: An example based on the NGA West 2 Data M Amare, B Derras, D Zandaghi (Tlemcen Uni)
8923 TUR Assessment of liquefaction potential of fine-grained soils T Emingolu, S Aseyo (Kocaeli Uni)
8977 ENG Analysis of high speed railway bridge crossing fault rupture zones A Etemadi (Istanbul Gellisim Uni), H Saglik (Yildiz Tech Uni)
8992 ENG A study on the effect of tension reinforcement ratio and concrete strength to response of RC buildings O Onat, B Yon (Munzur Uni)
9244 TUR Finite element simulation of masonry walls under cyclic loading using a heterogeneous model S Komurcu (ITU)
9365 TUR Investigation of the seismic behavior of seismic base Isolated structures by wavelet transform E Cavdar (Hacettepe Uni)
9437 TUR In the hospital projects isolator, isolator, the impact of the decision to use seis. isolators on the building production process E Bakkaloglu (ITU), E Taş (ITU)
9504 TUR Effect of masonry infill panels and RC shear walls on the seismic performance of RC bare frames B Hakim, A Hassen, A Abdellahman (CGS Algeria)
9088 ENG Seismic velocity structure of Kuzuk and Buyuk Mandrake Graben C Ozar (Ataturk Uni), D Polat (Dokuz Eylul Uni)

16:00-17:15 PARALLEL ORAL SESSIONS #4

Hall A (Seismic Hazard #3) - Chairman: Gulum Tanirican (KOREH)
16:00-16:15 10634 ENG Retracing site amplification in regional seismic risk assessments SR Kotha, G Wheaterhill, F Cotton (Postdam GFZ)
16:15-16:30 10645 ENG The spectral decay parameter K (Kappa) for the near site events in Van region Y BIO (Gebze Tech Uni), B Sihay (ETAT), B Akbas (Gebze Tech Uni)
16:30-16:45 9186 ENG Evaluation of non-linear site amplification on selected sites in Marmara region with respect to the recent TRRC E Turkay (Uni of Potsdam), F Cotton (Potsdam GFZ), MA Sandikya (Hacettepe Uni)
16:45-17:00 9334 TUR Application of a landslide monitoring system to an earthquake prone region by using optical fiber technology A Arslan Kalam (METU), MK Kokcar (Hacettepe Uni), H Alagun (METU)
17:00-17:15 9206 TUR Mitigation of soil liquefaction of an existing production facility by injection method Y Arslan (Miyamoto International), G Ioz (Kultur Uni), YZ Gundogdu (Miyamoto International)

Hall B (Seismology #3) - Chairman: Ahu Komis Mutlu (Gebze Tech Uni)
16:00-16:15 9284 TUR Comparison of time averaged shear wave velocity and shear wave travel time as a site characterization parameter NO Forcan (Ozyegin Uni), E Safak (KOREH), A Ansal (Ozyegin Uni)
16:15-16:30 9378 TUR An approach to determination of S-wave velocity structure: Joint inversion method F Bicek, K Karagoz, EU Uluggerleri (Canakkale Onsekiz Mart Uni)
16:30-16:45 10080 TUR Researching bedrock depth using gravity data in Eskisehir Basin E Balkan (Ankara Uni), M Tun (Eskisehir Tech Uni)
16:45-17:00 9414 ENG Analysing persistent swarm of small earthquakes occurred in Sivas, Turkey by using shear wave splitting G Polat (Yozgat Uni)
17:00-17:15 9509 TUR Earthquake activity and earthquake risk analysis of Karlova triple junction U Aydin (Ataturk Uni)

Hall D (Did Special Training Session on Seismic Isolation #2)
16:00-16:25 Design of base isolated buildings according to the TBSC 2019 Chapter 14
16:25-16:50 Testing procedures and assessment of base isolation devices
16:50-17:15 Current status of base isolation applications in Turkey

Hall F (Seismic Analysis #2) - Chairman: Baris Erkus (ITU)
16:00-16:15 9344 TUR Investigation of the material and the numerical modeling parameter effects on the seismic simulation of RC structures E Sonmez, C Dommez (YITE Izmır)
16:15-16:30 9256 TUR Concept of Opensopes and Seilosmath programs for nonlinear seismic analysis of structures SC Ergul, B Erkus (ITU)
16:30-16:45 9092 TUR Seismic risk and fragility curves of atmospheric storage tanks S Gürbüz (Fatih Sultan Mehmet Valif Uni), F Buz, K Cicek, A Sari (ITU)
16:45-17:00 9280 ENG Seismic fragility analysis of jacket type offshore structures F Bucak, C Cicek, A Sari (ITU)
17:00-17:15 9003 ENG Comparison of damage limits for 2007 Turkish Seismic Code and 2018 Turkey Building Earthquake Code B Yon, O Onat (Munzur Uni)

19:30 GALA DINNER (HACETTEPE UNIVERSITY, BETYEP CAMPUS, WHITE HOUSE BALLROOM)
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<tr>
<td>09:00-09:15</td>
<td>9248</td>
<td>An evaluation of the 2019 Seismic Hazard Map of Turkey on the basis of seismic intensity</td>
<td>VH Akansel (Mugla Sıtkı Koçman Univ), BF Soysal, K Kadaz (METU), P Gulkam (Baskent Univ)</td>
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<tr>
<td>09:15-09:30</td>
<td>9095</td>
<td>Comparison of 2007 &amp; 2019 seismic hazard maps based on spect. intensities and corresponding engineering demands</td>
<td>K. Kadioglu, F. Soysal (METU), VH Akansel (Mugla Sıtkı Koçman Univ), L. Mazzellini, A. Yakut (METU)</td>
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<tr>
<td>09:30-09:45</td>
<td>9000</td>
<td>Site-specific seismic hazard analyses for selected regions in Turkey in comparison with the new seismic design code</td>
<td>A. Yakup, S. Karimzadegh, A. Askan (METU)</td>
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<tr>
<td>09:45-10:00</td>
<td>9207</td>
<td>Application of seismic hazard and strain rate maps for Marmara region</td>
<td>H. Kocak (Provincial Disaster and Emergency Directorate)</td>
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<tr>
<td>10:00-10:15</td>
<td>8940</td>
<td>Probabilistic seismic hazard map of Iraq</td>
<td>S. Soydemir (Bogazici Univ), K. Sesevyan (KOERI), E. Guler (Bogazici Univ)</td>
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<tr>
<td>10:15-10:30</td>
<td>9236</td>
<td>Scattered and unscattered ground motion records: the recent experience in Turkey</td>
<td>A. Demir, A. Kayhan (Pamukkale Univ)</td>
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<tr>
<td>09:00-09:15</td>
<td>10136</td>
<td>Application of yeilds of low intensity for seismic upgrading of precast portal RC frames</td>
<td>O. Al-Mamouni (Univ of Babylon), J. E. Martinez-Rueda (Univ Of Brighton)</td>
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<tr>
<td>09:15-09:30</td>
<td>8806</td>
<td>Prestressed columns in the balance</td>
<td>H. Nada (Khatib &amp; Alami), D. Sanders (Iowa State Univ)</td>
<td></td>
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<tr>
<td>09:30-09:45</td>
<td>9116</td>
<td>A novel buckling-controlled brace for seismic retrofitting of concentrically braced frames</td>
<td>O. Seker (Gebze Tech Univ), M. Fayazouni (Iowa State Univ), M. Zorlu, B. Abbas (Gebze Tech Univ), J. Shen (Iowa State Univ)</td>
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<tr>
<td>09:45-10:00</td>
<td>9330</td>
<td>Shear connectors on concrete-to-concrete interface surfaces: A numerical investigation on 3D frames</td>
<td>T. C. Nguyen, R. Lusaghu (Ududang Univ)</td>
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<tr>
<td>09:00-09:15</td>
<td>9186</td>
<td>Comparison of 2007 and 2018 Turkish Earthquake Codes: Design of a seismically isolated structure</td>
<td>H. Erdogdu, E. Cavdar, G. Ozdemir (Eskişehir Tech Univ)</td>
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<tr>
<td>09:15-09:30</td>
<td>9331</td>
<td>Parametric Investigation of two seismically base-isolated structures with common isolation plane</td>
<td>M. Bekin, B. Erkus (ITU)</td>
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<tr>
<td>09:30-09:45</td>
<td>10369</td>
<td>Reducing large horizontal displacement demands in base isolated structures subjected to forward directivity effects</td>
<td>M. Celik, M. Gelisgion (Sismondinamik), Y. Flahner (Gebze Tech Univ)</td>
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<tr>
<td>09:45-10:00</td>
<td>10640</td>
<td>The effect of vertical ground motions on design base shear of base isolated buildings</td>
<td>M. Yildiz, M. Celik (Sismondinamik), Y. Flahner (Gebze Tech Univ)</td>
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<tr>
<td>09:00-09:15</td>
<td>9066</td>
<td>Effects of near and far field earthquakes on the behavior of the reinforced concrete buildings with infill walls</td>
<td>O. Celebi (Atatürk Univ)</td>
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<tr>
<td>09:15-09:30</td>
<td>9127</td>
<td>Investigation of the effect of door/window opening on the steel frame</td>
<td>O. Bayrak, M. Bilki (Izmir University of Science)</td>
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<tr>
<td>09:30-09:45</td>
<td>9400</td>
<td>Seismic fragility and risk assessment of aging highway bridges under multiple deterioration effects</td>
<td>T. Yilmaz (Ozyegin Univ), G. Agöz (Ozyegin Univ)</td>
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<tr>
<td>09:45-10:00</td>
<td>9874</td>
<td>Determination of seismic safety of reinforced concrete frames using energy-based method</td>
<td>G. Polat, A. Dindar (Gebze Tech Univ)</td>
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<td>10:00-10:15</td>
<td>9291</td>
<td>Energy-based evaluation of RC frame structures</td>
<td>M. Arizi (Yuksek Proje), M. Eken (METU)</td>
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<tr>
<td>10:00-10:15</td>
<td>9477</td>
<td>Seismic safety of masonry buildings subjected to pulse type ground motions</td>
<td>A. B. Koc, M. Eken, N. Aslan, K. Karimzadeh (METU)</td>
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<tr>
<td>10:45-11:00</td>
<td>9274</td>
<td>Strength hierarchy assessment method for RC beam-column joints and its use in joint strengthening applications</td>
<td>A. Tsahalis (METU-NCC)</td>
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<tr>
<td>11:00-11:15</td>
<td>9120</td>
<td>Retrofitting of non-seismic RC beam-column joint by using steel plate</td>
<td>M. Ismail (Gebze Tech Univ), YA Tahsin (METU), AA Dindar (Gebze Tech Univ)</td>
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<tr>
<td>11:15-11:30</td>
<td>9263</td>
<td>The effect of using ultra high performance concrete at exterior RC joints on behavior of an RC frame under seismic load</td>
<td>YA Tahsin (METU), A. Hakan (Bilkent Univ)</td>
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<td>11:30-11:45</td>
<td>9247</td>
<td>Various types of fiber reinforced high strength mortar for strengthening of low strength concrete</td>
<td>E. Akin (Adnan Menderes Univ), B. Almat (METU)</td>
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<tr>
<td>11:45-12:00</td>
<td>9248</td>
<td>Rocking of rigid blocks: A review</td>
<td>G. Cepti, A. Turer (METU)</td>
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<tr>
<td>12:00-12:15</td>
<td>8922</td>
<td>Bond-slip behaviour between CFRP fan type anchored CFRP Strip to concrete surface</td>
<td>O. Anil (Gazi Univ), C. Mantoglou (Iller Bankasi AS)</td>
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<tr>
<td>10:45-11:00</td>
<td>9022</td>
<td>Seismic isolation in an existing hospital building: Marmara University Hospital</td>
<td>H. Karayigit, O. Ozlak (Freysat Freysstem)</td>
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<td>11:00-11:15</td>
<td>9207</td>
<td>Retrofit of an industrial building with non-ductile frames using energy dissipating devices</td>
<td>A. Ekin, Y. Arslan (Miyamoto International)</td>
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<td>11:15-11:30</td>
<td>9417</td>
<td>Strengthening of an industrial structure using seismic dampers without stopping production continuity</td>
<td>NG Arslan, A. Mahdavi, S. Yildirim (ADER), B. Erkus (ITU), Y. Tonguç (FDMER)</td>
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<td>11:30-11:45</td>
<td>9427</td>
<td>Dynamic analysis of isolated cable stayed bridges under multiple dynamic excitations</td>
<td>Z. Kacur, MN Issaid (Sidi Bel Abbès), M. Djemai (Univ of Béjaia)</td>
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<td>10:45-11:00</td>
<td>9239</td>
<td>Seismic demand on 4-story limited ductility class frames designed according to TECB 2018</td>
<td>O. Lajad, M. Cevik (Izmir Katip Celebi Univ), A. Kayhan (Pamukkale Univ)</td>
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<tr>
<td>11:00-11:15</td>
<td>9380</td>
<td>Dynamic response of pile foundations: Experimental research and current practice</td>
<td>M. Ozdogan, Y. Arslan (METU)</td>
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<td>11:15-11:30</td>
<td>9359</td>
<td>On seismic soil-structure interaction in the pile foundations as given in the Turkish Building Seismic Code</td>
<td>A. Ozaymir (ITE), A. Doslu (Yildirim Beyazit Univ), S. Celeng (Fatih Sultan Mehmet Valik Unv)</td>
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<td>11:30-11:45</td>
<td>9419</td>
<td>Parametric analysis of buried steel pipes at strike-slip fault crossings</td>
<td>E. Uckan, O. Perdikaka (KOERI)</td>
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<td>11:45-12:00</td>
<td>9118</td>
<td>Seismic safety evaluation of buried gas pipelines subjected to longitudinal permanent ground deformation (PSG)</td>
<td>M. Akiyama, M. Yildiz, C. Zulfikar (Gebze Tech Univ)</td>
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<td>12:00-12:15</td>
<td>9311</td>
<td>The effect of structure-soil-structure interaction on building drift ratios under seismic loading</td>
<td>M. Bybordian (Univ of Sydney), Y. Arslan (METU)</td>
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<td>12:15-12:30</td>
<td>8989</td>
<td>Investigating the base rigidity of nuclear power plant structures through dynamic soil structure interaction analyses</td>
<td>B. Ucak (METU), B. Akgol (Nuclear Regulatory Authority), B. Sayin (ITU)</td>
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<td>Time</td>
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<td>13:30–13:45</td>
<td>10773 ENG Evaluation of different approaches for computation of expected annual seismic losses of RC bridge portfolios</td>
<td>R Monteiro, C Perdomo (IUSS Pavia), H Sicoglu (METU)</td>
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<td>13:45–14:00</td>
<td>8905 ENG Seismic performance assessment of RC bridge piers designed with the Algerian Seismic Bridge Regulation</td>
<td>K Fouda, R Mustapha, K Abderrahmane, B Hakim (CGS Algeria)</td>
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<td>14:00–14:15</td>
<td>9075 ENG Fragility curves for bridge piers using recorded ground motions</td>
<td>K Abderrahmane, K Fouda, H-Z Nadji, R Mustapha (CGS Algeria)</td>
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<td>14:15–14:30</td>
<td>9685 ENG A displacement-based approach for rapid seismic assessment of Alaska bridges</td>
<td>M Cetinkaya, Mi Kowalski (NC State Uni)</td>
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<td>14:30–14:45</td>
<td>9209 ENG Probabilistic seismic assessment of railway bridges in Turkey</td>
<td>K Ozakul (ITU), MF Yilmaz (Ondokuz Mayis Uni), BO Caglayan (ITU)</td>
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<td>13:30–13:45</td>
<td>8944 ENG Effect of mortar on out of plane behavior of masonry walls</td>
<td>F Kipcak, E Erdil (Van Yuzuncu Yil Uni)</td>
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<td>14:00–14:15</td>
<td>9824 TUR Proposed new bond-slip model between angular CFRP fan type anchored CFRP strip to concrete surface</td>
<td>O Anil, R Ghoroubi (Gazi Uni), O Mercimek (Yıldırım Beyazıt Uni)</td>
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<td>14:15–14:30</td>
<td>9828 TUR Retrofitting of damaged square RC columns using with CFRP strips</td>
<td>O Anil (Gazi Uni), O Mercimek (Yıldırım Beyazıt Uni), R Ghoroubi (Gazi Uni)</td>
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<td>13:30–13:45</td>
<td>9229 TUR Analysis of basic hazard parameters before and after the February 6, 2017 Ayasük Earthquake (Mw=5.4)</td>
<td>A Gezer, T Dekler (Canakkale Onsekiz Mart Uni)</td>
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<td>13:45–14:00</td>
<td>8898 ENG Pore-water saturation effect on the vertical seismic response of a poroviscoelastic soil profile</td>
<td>H Mohamed (Ecole Nationale Supérieure des Travaux Publics)</td>
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<td>14:00–14:15</td>
<td>9459 ENG Collection of intensity data in the aftermath of large earthquakes</td>
<td>A Aslan, S Karimzadeh (METU)</td>
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<td>14:15–14:30</td>
<td>9419 ENG Evaluation of July 21,2017 Mw 6.6 Bodrum-Kos Earthquake with NGA models</td>
<td>S Okuyan, AC Zulfikar, MS Demircioglu Tunner (Geze Tech Uni), NP Theodoulidis (ITSAK)</td>
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<td>14:30–14:45</td>
<td>9394 ENG Addressing challenges and requirements for local tsunami awareness, warning and mitigation</td>
<td>O Necmioğlu (Bogazici Uni), AC Yalciner (METU), D Kafafat (Bogazici Uni), L Suzen (METU), G Tanircan (Bogazici Uni), et al.</td>
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<td>14:45–15:00</td>
<td>8957 ENG The effect of fault models on the tsunami height</td>
<td>A Dadashi, O Polat (Dokuz Eylul Uni), AC Yalciner (METU)</td>
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<td>13:30–13:45</td>
<td>9259 TUR Earthquake performance of the Historical Ingandi Bridge</td>
<td>A Gonul, G Salçali (Bursa Tech Uni)</td>
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<td>13:45–14:00</td>
<td>9249 TUR Influence of reinforcement slip in RC columns on seismic demands of a short-period structure</td>
<td>D Birlik Kayl, B Bayhan (Bursa Tech Uni), G Ozdemir (Eskisehir Tech Uni)</td>
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<td>14:00–14:15</td>
<td>9355 TUR Examination of the triangular structure that was destroyed in the 2011 Van Earthquake</td>
<td>S Yedok, M Bilce (Iskenderun Tech Uni)</td>
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<td>14:15–14:30</td>
<td>9134 TUR Seismic response of substandard RC frame buildings in consideration of staircase</td>
<td>A Karaslan (Uludag Uni), O Avsar (Eskisehir Tech Uni)</td>
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<td>14:30–14:45</td>
<td>9194 TUR Investigation of min. required separation distance for low &amp; mid-rise existing buildings with seismic pounding potential</td>
<td>M Kamal, M Inel (Pamukkale Uni)</td>
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<td>14:45–15:00</td>
<td>9195 TUR The effect of hysteretic model selection on seismic performance of existing structures</td>
<td>E Ozer, M Inel (Pamukkale Uni)</td>
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<td>15:00–15:15</td>
<td>9212 TUR The effect of scaling of GM records on maximum displacement demands obtained by TIDY compatible THA</td>
<td>M Koc, A Demir, AH Kayhan (Pamukkale Uni)</td>
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<td>15:00–15:15</td>
<td>BREAK</td>
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<td>15:15–16:30</td>
<td>PANEL: DISCUSSION REGARDING RECENT SİLVİR (İSTANBUL) EARTHQUAKES</td>
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<td>16:30–17:15</td>
<td>CLOSING CEREMONY</td>
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<td>17:00–17:15</td>
<td>Closing Remarks by Prof. Bilge Seyahi (Director, EEAT)</td>
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# SPECIAL ONE-DAY WORKSHOP HONORING PROF HALUK SUCUOGLU

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<tr>
<th>TIME</th>
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<td><strong>FRIDAY</strong> (OCTOBER 11, 2019)</td>
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<tr>
<td>08:45–09:15</td>
<td>OPENING CEREMONY</td>
<td>Ahmet Turer (Chairman, Civil Engineering Department, METU)</td>
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<td>Guneys Ozcebe (Dean, Faculty of Engineering, TED University)</td>
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<td>Mustafa Versan Kok (Rector, METU)</td>
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<td>09:15–10:45</td>
<td>WORKSHOP SESSION #1</td>
<td>Peter Fajfar (University of Ljubljana)</td>
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<td>Polat Gulkan (Baskent University)</td>
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<td>Michael Fardis (University of Patras)</td>
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<td>10:45–11:00</td>
<td>COFFEE BREAK</td>
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<td>11:00–12:30</td>
<td>WORKSHOP SESSION #2</td>
<td>Gani Michele Calvi (IUSS Pavia)</td>
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<td>11:00–12:00</td>
<td>Revisiting Earthquake Resistant Design</td>
<td>Mustafa Erdik (KOERI)</td>
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<td>12:00–12:30</td>
<td>An Overview of Performance Assessment Procedures in Turkey</td>
<td>Ahmet Yakut (METU)</td>
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<td>12:30–13:30</td>
<td>LUNCH BREAK</td>
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<td>13:30–15:00</td>
<td>WORKSHOP SESSION #3</td>
<td>Khalid Mosalam (UC Berkeley)</td>
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<tr>
<td>14:00–14:30</td>
<td>Design of Seismic Isolated Bridges in Cold Climates: A Case Study</td>
<td>Murat Dicleli (METU)</td>
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<td>14:30–15:00</td>
<td>Research Needs for Seismic Design of Structures</td>
<td>Erdal Safak (KOERI)</td>
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<td>15:00–15:15</td>
<td>COFFEE BREAK</td>
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<td>15:15–17:15</td>
<td>WORKSHOP SESSION #4</td>
<td>Sinan Akkar (KOERI)</td>
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<td>Alper Ilki (ITU)</td>
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<td>Ayhan Irfanoglu (Purdue University)</td>
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<td>Aysegul Askar, Altug Erberik (METU)</td>
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