

Staff Activities



Dr. Muhammed Şahin from the Department of Civil Engineering gave a speech entitled “Education Systems in Ideal Universities” at Boğazici Meeting, Istanbul on February 7, 2015.



Dr. M. Hasan Boduroğlu and **Dr. Gökçe Tönük** from the Department of Civil Engineering hosted the Executive Council Meeting of Turkey Earthquake Foundation - Earthquake Engineering Committee on February 9, 2015 at MEF University. At this Executive Council Meeting, **Dr. M. Hasan Boduroğlu** has been elected as the Vice President and **Dr. Gökçe Tönük** has been elected as the Secretary of the Turkey Earthquake Foundation - Earthquake Engineering Committee.



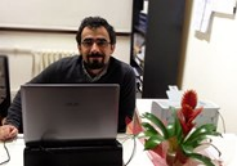
Dr. Erhan Erkut from the Department of Industrial Engineering gave a conference talk entitled “How do we prepare our children to their future?” at MEF Bahçeşehir Schools, Istanbul on February 21, 2015.



Dr. Erhan Erkut from the Department of Industrial Engineering made the opening speech of Start Up Turkey, which was held on February 26-28, 2015 in Antalya.

Dr. Sefik Suayb Arslan from the Department of Computer Engineering met Ceph's creator team and talked with Matthias Grawinkel from JG University of Mainz and Lennart Sorth from European Centre for Medium-Range Weather Forecasts (ECMRW) about cold storage and big data applications on tapes. **Dr. Sefik Suayb Arslan** also met with [Inktank](#) officials as well as the engineering team on the use of Ceph for both [Quantum's](#) future product portfolio.

Achievements



Dr. Hasan Körük from the Department of Mechanical Engineering identified the source of “mysterious” noises in frost-free refrigerators and established a solution to the problem with his team. Dr. Hasan Körük's investigation has had a broad repercussion in world and Turkish press:

<http://www.dailymail.co.uk/sciencetech/article-2950678/Mystery-fridge-s-strange-NOISES-solved-Scientists-finally-trace-source-loud-sounds-haunt-kitchens-night.html>

<http://metro.co.uk/2015/02/13/mysterious-fridge-noises-are-actually-caused-by-heat-contraction-and-expansion-5062455/>

<http://m.milliyet.com.tr/Video/VideoClip?ID>

<http://www.hurriyet.com.tr/egitim/28253022>

Publications



The paper entitled "[A novel above-ground marking approach based on the girth weld impact sound for pipeline defect inspection](#)" by **Dr. Dante J. Dorantes-Gonzalez** from the Department of Mechanical Engineering has been published in [Insight – Non-Destructive Testing and Condition Monitoring](#).

Projects



The project proposal entitled "Efficient Solution Methods for Rich Vehicle Routing Problems with Time Cost" of **Dr. Hande Küçükaydın** from the Department of Industrial Engineering has been accepted by "The Scientific and Technological Research Council of Turkey (TÜBİTAK)" as a part of 2232 - Home-coming Research Scholarship Program. **Dr. Hande Küçükaydın** will be granted a scholarship and research support for two years.

Faculty Introductions



Dr. Ebru Arısoy Saraçlar from the Department of Electrical and Electronics Engineering introduced the profession of Electrical and Electronics Engineering and Computer Engineering to the students of Vefa Lisesi on February 27, 2015.



Dr. Serap Kurbız introduced the Department of Electrical and Electronics Engineering to the students of İzmir Aliğa Ted Koleji on February 20, 2015.

Faculty Seminars

The following seminars were held during February 2015:



• "High Speed InP Based Heterojunction Bipolar Transistors" by **Dr. Serkan Topaloğlu** from TRON Electronics, Istanbul, on February 16, 2015. Dr. Serkan Topaloğlu received his B.S. and M.S. degrees from the Department of Electronics and Communication Engineering of Istanbul Technical University, Istanbul, Turkey in 1999 and 2002, respectively, and his Ph.D. degree from Solid State Electronics Department of University of Duisburg-Essen, Germany, in 2006. He is currently working as R&D Director at TRON Electronics and also as part-time lecturer at Istanbul Technical University and Yeditepe University.



• "Biometric Cryptosystems: Authentication, encryption and signatures for biometric identities" by **Dr. Neyyire Deniz Sarier** from the Department of Computer Engineering on January 23, 2015.