

Istanbul Aydın University



EDITORIAL BOARD:

ISTANBUL AYDIN UNIIVERSITY

Assoc. Prof. Dr. Mustafa AYDIN
Chairman of the Board of Trustees

Prof. Dr. Yadigar İZMİRLİ
Rector of Istanbul Aydın University

Prof. Dr. Zafer ASLAN
Deputy Dean of Faculty of Engineering of
Istanbul Aydın University

Assist. Prof. Dr. Semih YÖN
Dean Vice of Faculty of Engineering of Istanbul
Aydın University

Assist. Prof. Dr. Dilşad AKGÜMÜŞ GÖK
Dean Vice of Faculty of Engineering of Istanbul
Aydın University

ENGINEERING FACULTY

e - Newsletter

February / 2023

No: 05

Editors

Assist. Prof. Dr. Semih YÖN

Res. Assist. Abdullah NİĞDELİOĞLU



TUBITAK 1002-C PROJECT ACCEPTANCE

Prof. Dr. Osman Yıldırım's project "Preparing a Report on Pre-Earthquake Planning, Earthquake Rescue and Post-Earthquake Sheltering Procedures and Principles for a Probable Istanbul Earthquake" has been accepted within the scope of TUBITAK 1002-C.



EARTHQUAKE ASSESSMENT

Prof. Dr. Zeki GÜNDÜZ, Assist. Prof. Dr. Tevfik Denizhan MÜFTÜOĞLU and Assist. Prof. Dr. Hafez KEYPOUR made evaluations to @dubaitv channel about earthquake disaster we experienced.





PRESS STATEMENT

Assist. Prof. Dr. Hakan KOMAN, one of our academic staff members in the Department of Civil Engineering, made statements to the press regarding the earthquakes that have occurred.



ARTIFICIAL INTELLIGENCE WEBINAR

On February 16th, a webinar was organized by the Department of Electrical and Electronics Engineering on the effects of artificial intelligence on life.

İSTANBUL AYDIN
ÜNİVERSİTESİ

ELEKTRİK-ELEKTRONİK
MÜHENDİSLİĞİ BÖLÜMÜ

YAPAY ZEKANIN YAŞAM ÜZERİNDEKİ ETKİLERİ
"EFFECTS OF ARTIFICIAL INTELLIGENCE ON LIFE"

16.02.2023
14.00

Meeting ID : 670 756 5549
Passcode : Aydın_EEE

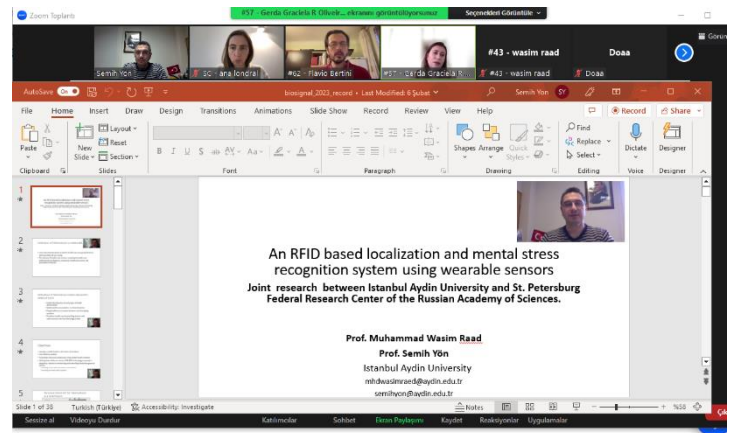
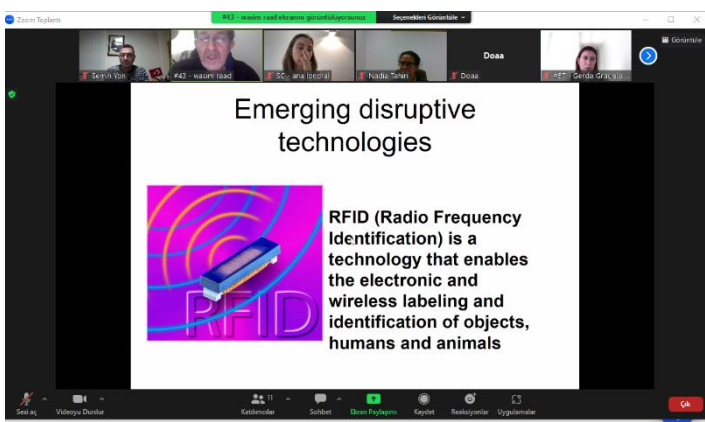
Konuşmacı
Alpaslan DÜVEN
Türkvaz Medya İngiltere Temsilcisi

Moderatör
Prof. Dr. Osman YILDIRIM
Istanbul Aydın Üniversitesi Elektrik-Elektronik
Mühendisliği Bölüm Başkanı



PAPER PRESENTATION

Our faculty members Assistant Professor Dr. Semih Yön and Assistant Professor Dr. Mhd Wasim Raed have presented their accepted paper presentations at the Biosignals 2023 Lisbon conference.



VISIT TO OUR UNIVERSITY

The Department Chair of Civil Engineering from the University of Tipaza, Dr. Nadhir Toubal Seghir, and the accompanying researchers were hosted by the department of civil Engineering. Ideas were exchanged for potential joint engineering projects and collaborative research that could be carried out in Algeria, France, and our department's laboratories.



**LATEST ACADEMIC PUBLICATIONS****1) Osman YILDIRIM**

Düzcü T, Demir Uslu Y, Yıldırım O. Health professionals' perspective in the context of social media, paranoia, and working autonomy during the COVID-19 pandemic period. Arch Health Sci Res. 2023;10(1):30-37. DOI: 10.5152/ArcHealthSciRes.2023.22042

2) Beşir ŞAHİN

H. Zontul, B. Şahin, Experimental investigation of convective heat transfer performance and hydrodynamics of pulsating flow through the rectangular grooved channel, Experimental Thermal and Fluid Science, Volume 141, 2023, 110796, ISSN 0894-1777

Hudhaifa Hamzah, Besir Sahin, Analysis of SWCNT-water nanofluid flow in wavy channel under turbulent pulsating conditions: Investigation of homogeneous and discrete phase models, International Journal of Thermal Sciences, Volume 184, 2023, 108011, ISSN 1290-0729

3) Müberra Eser AYDEMİR-Cem AYDEMİR

Cem Aydemir, Müberra Eser Aydemir, Güray Arslan, Drift capacity and allowable axial load level of RC columns, Structures, Volume 48, 2023, Pages 1072-1081, ISSN 2352-0124, <https://doi.org/10.1016/j.istruc.2023.01.014>.

4) Hüseyin Çağan KILINÇ

Haznedar, B., Kilinc, H.C., Ozkan, F. et al. Streamflow forecasting using a hybrid LSTM-PSO approach: the case of Seyhan Basin. Nat Hazards (2023). <https://doi.org/10.1007/s11069-023-05877-3>

5) Yakup ÇELİKBİLEK

Y. ÇELİKBİLEK, S. Moslem, and S. Duleba, "A Combined Grey Multi Criteria Decision Making Model to Evaluate Public Transportation Systems," Evolving Systems, vol. 14, no. 1, pp. 1–15, Feb. 2023.

6) Zeynep Dilek HEPERKAN - Tuğçe CEYHAN

Z. D. HEPERKAN, E. GÜNALAN-İNCİ, and T. CEYHAN, "Unexpectedly high patulin contamination and co-occurrence of ochratoxin A in homemade vinegar," Food Control, no. 148, pp. 109685–0, Jan. 2023.

7) Meral YILDIRIM-YALÇIN

Nasim Kian-Pour, Meral Yildirim-Yalcin, Abdullah Kurt, Duygu Ozmen, Omer Said Toker, A review on latest innovations in physical modifications of galactomannans, Food Hydrocolloids, Volume 138, 2023, 108470, ISSN 0268-005X, <https://doi.org/10.1016/j.foodhyd.2023.108470>.

8) Kaveh DEGHANIAN

On February 28, 2022, master's student Emine Almadani successfully defended her thesis entitled 'Numerical Analysis of Soft Soils Reinforced with Deep Mixing Columns'.



9) Tevfik Denizhan MÜFTÜOĞLU- Hasan Volkan ORAL- Kaveh DEGHANIAN

A joint study titled 'Rainwater Harvesting and French Drain Combination in a Building: An Example of a Circular Water Management Approach in Building' was submitted for the European Cooperation in Science and Technology (COST) Action by Assist. Prof. Tevfik Denizhan Müftüoğlu, Assist. Prof. Kaveh Deghanian, and Assist. Prof. Hasan Volkan Oral.

10) Nima MIRZAEI

Mirzaei, N., Nejad, M.G. (2023). Optimizing a Real Case Assembly Line Balancing Problem Using Various Techniques. In: Akan, T., Anter, A.M., Etaner-Uyar, A.Ş., Oliva, D. (eds) Engineering Applications of Modern Metaheuristics. Studies in Computational Intelligence, vol 1069. Springer, Cham. https://doi.org/10.1007/978-3-031-16832-1_10

11) Zafer ASLAN

Zafer Aslan Istanbul Aydın University, Faculty of Engineering, Department of Computer Eng., 34295, Istanbul, Turkey Email: zaferaslan@aydin.edu.tr

Int. Conf. of The Mathematical Society - BHU Recent Trends in Mathematical and Computational Sciences (RTMCS - 2023) February 3-5, 2023

IT-5. MODELING OF TOTAL ELECTRON CONTENT AND PRECIPITATION

<https://www.msbhu.com/brochures/brochure-2023/>