

Participation in Scientific Meetings

Assist. Prof. Dr. Ali Fuad Selvi of Teaching English as a Foreign Language Program, presented a plenary speech at the "13th METU ELT Convention" which took place during April 3-4, 2018 in Ankara, Turkey.

Instr. Dr. Alper Şahin of Modern Languages Program, presented a paper at the "27th International Conference on Educational Sciences" which took place during 18-22 April 2018 in Antalya, Turkey.

Instr. Dr. Alper Şahin of Modern Languages Program, presented a paper at the "10th International ELT Research Conference" which took place during 25-27 April 2018 in Antalya, Turkey.

Assist.Prof. Dr. Aslı Niyazi of Psychology Program, presented a paper at the 20. Ulusal Psikoloji Kongresi, "KRONİK AĞRIYI AZALTMADA PROGRESİF KAS GEVŞETME TEKNİĞİNİN KULLANIMI" on 15-17 November, 2018, Ankara, Turkey.

Assist.Prof. Dr. Aslı Niyazi of Psychology Program, presented "Fiziksel İyi Oluş" at the 10. Ruh Sağlığı Sempozyumu, on 7-8 December, 2018, Nicosia, Turkish Republic of Northern Cyprus.

Sen. Instr. Bengü Çalışkan Selvi of School of Foreign Languages, presented a paper at the "TESOL 2018 International Convention & English Language Expo" which took place during March 27-30, 2018 in Chicago, IL, USA.

Intr. Dr. Besime Erkmen of Teaching English as a Foreign Language Program, presented a paper at 4th Çukurova International ELT Teachers Conference, "Innovative Practices in EFL/ESL Learning and Teaching" on 5-7 April, 2018, Adana, Turkey.

Intr. Dr. Besime Erkmen of Teaching English as a Foreign Language Program, presented a paper at International Conference on Perspectives for Future Education, "Every challenge is an opportunity to learn: Student-teachers' learning experiences" on 2-4 May 2018, Kyrenia, Cyprus.

Intr. Dr. Besime Erkmen of Teaching English as a Foreign Language Program, presented a paper at 12th International Conference on Language, Literature, Culture and Education, "Being in the shoes of students: Student teachers' reflections on their observations of language classrooms. " on 19-21 October, 2018, Antalya, Turkey.

Intr. Dr. Besime Erkmen of Teaching English as a Foreign Language Program, presented a paper at CyTEA Annual Conference Embracing change in ELT: Challenges and Perspectives, "Empowering student teachers to become reflective practitioners." on 08 December, 2018, European University, Nicosia, Cyprus.

Dr. Doğu Erdener of the Psychology Program presented a paper titled "Teaching Turkish as a foreign language: what we can know from experimental psychology" at the 3rd International Congress on Social Sciences – Symposium on Educational Sciences that took place between 17 and 21 October 2018 at Bukhara State University, Bukhara, Uzbekistan.

Assoc. Prof. Dr. Emre Artun of Petroleum and Natural Gas Engineering Program, presented two papers at the "SPE/AAPG Joint Eastern Section Meeting " which took place during 7-11 October 2018 in Pittsburgh, Pennsylvania, USA.

Assoc. Prof. Dr. Emre Artun of Petroleum and Natural Gas Engineering Program, presented a paper at the "24th International Sustainable Development Research Society Conference" which took place during 12-15 June 2018 in Messina, Italy.

Assoc. Prof. Dr. Emre Artun of Petroleum and Natural Gas Engineering Program, presented a paper at the "SPE Western Regional Meeting" which took place during 22-27 April 2018 in Garden Grove, California, USA.

Poncha, L. Abdelhamid, S., Alturjman, S., **Ever, E.**, and Al-Turjman, F.. co-author in the paper at 2018 IEEE International Conference on Communications Workshops (ICC Workshops) presented by Poncha, L Abdelhamid (SEES student) "5G in a Convergent Internet of Things Era: An Overview.", pp. 1-6. IEEE, 2018.

Kizilkaya, B., Caglar, M., Al-Turjman, F. and **Ever, E.**, co-author in the paper at 32nd International Conference on Advanced Information Networking and Applications Workshops (WAINA), presented by Kizilkaya, B. (SEES) "An Intelligent Car Park Management System: Hierarchical Placement Algorithm Based on Nearest Location." In 2018, pp. 597-602. IEEE, 2018.

Can, I., Gelmez-Burakgazi, S., & Celik, I. (2018, April). co-author in the paper at the 2018 Annual Meeting of American Educational Research Association (AERA): The Dreams. Possibilities, and Necessity of Public Education, presented by Can, I. An investigation of uses and gratifications of using Web 2.0 technologies in instructional processes. Paper presented at New York City, NY, USA.

Can, I., Gokalp, G. (2018, March). Trajectories of change in pre-service teachers' perceptions of student misbehavior in the classroom. Paper presented at INHERE 2018: Learning Through Inquiry in Higher Education - Current Research and Future Challenges, Munich, Germany.

Islam Elgedawy, Digital Brain as a Service: An Approach For Achieving Organic Web Services, The Tenth International Conference on Advanced Service Computing, SERVICE COMPUTATION, IARIA, Barcelona, Spain, Feb. 2018.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, presented a paper "Role of Academicians in a Sustainable World" as keynote speaker at the "ESWAE 2018- 6th Global Congress on Renewable Energy and Environment" which took place during 12-14 October 2018 in Kusadasi, Turkey.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, presented a paper "In Which Stage should Art be in Product Design Process for a more Sustainable World?" at the "ESWAE 2018- 6th Global Congress on Renewable Energy and Environment" which took place during 12-14 October 2018 in Kusadasi, Turkey.

Asst. Prof. Dr. Mustafa Erkut Ozser of Chemistry Group, presented a paper at the "International Conference on Photovoltaic Science and Technologies (PVCon2018)" which took place during 4-6 July 2018 in Ankara, Turkey.

Al-Ghussain, L., **Taylan, O.**, Samu, R., Fahrioglu, M. co-authored a paper "Techno-Economic Analysis of Photovoltaic-Hydrogen Fuel Cell/Pumped Hydro Storage System for Micro Grid Applications: Case Study in Cyprus," presented by Al-Ghussain, L., 2018 International Conference on Photovoltaic Science and Technologies (PVCon), Ankara, Turkey, July 4-6, 2018.

Gürer, E., **Taylan, O.**, Yüksel, T. co-authored a paper "Driving Cycle and Temperature Effects on the Energy Performance of a Solar-Powered Electric Vehicle in Istanbul", presented by Gürer, E., at 6th Global Congress on Renewable Energy and Environment, Kuşadası, Aydın, Turkey, October 12-14, 2018.

Taylan, G., **Taylan, O.**, Fahrioğlu, M. co-authored a paper "Comparison of Middle-Sized PTC and PV Power Plants for METU NCC", presented by Taylan, G., at 6th Global Congress on Renewable Energy and Environment, Kuşadası, Aydın, Turkey, October 12-14, 2018.

Asst. Prof. Dr. Seerp Roald Koudenburg of the Mathematics Group, presented a paper at the "International Category Theory Conference" which took place during 8-14 July 2018 in Ponta Delgada, Portugal.

Al-Rbeawi, Salam; Jalal F. Owayed. New Approach for Multiphase Flow Rate and Pressure Transient Analysis in Hydraulically Fractured Reservoirs: deterministic Models for Reservoir Total Mobility and Compressibility. Paper presented at the SPE-ADIPEC 2018 held in Abu-Dhabi, 12-15 November, 2018.

Al-Rbeawi, Salam. Stimulated Reservoir Volume; An Integrated Analysis for its Impact on Reservoir Performance. Paper presented at ICOGET2018 held in Kuala Lumpur, Malaysia, 13-14 August 2018.

Al-Rbeawi, Salam. Fishbone Horizontal Wellbore: A study for Pressure Behavior, Flow Regimes, and Productivity Index. Paper presented at ICOGET2018 held in Kuala Lumpur, Malaysia, 13-14 August 2018.

Al-Rbeawi, Salam, F.S. Kadhim, G.M. Farman. Optimum matrix acidizing: How much does it impact the productivity. Paper presented at 1st International conference on Material Engineering & Science (IConMEAS) held in Istanbul, Turkey, 8-9 August 2018.

Al-Rbeawi, Salam. Deep Insight to Pressure Behavior and Stabilized Productivity Index of Multilateral Wells in laterally and Spatially Anisotropic Reservoirs. Paper presented at the EAGE 80th Annual Technical Conference & Exhibition held in Copenhagen, Denmark, 11-14, June 2018.

F.S. Kadhim, **Al-Rbeawi, Salam.** Co-authored a paper "Using well logging data to determine water saturation in a Carbonate reservoir." Presented by F.S. Kadhim, at 6th International scientific conference for nanotechnology and advanced materials and their applications, held in Baghdad, Iraq, 2-3 May 2018.

Tolga Kaya, **Tayfun Nesimoglu**, co-authored a paper "Broadband impedance transformation by defected dielectric on microstrip lines." Presented by Tolga Kaya at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Yahya Yuksek, **Tayfun Nesimoglu**, co-authored a paper "Wideband quarter wave transformer based on defected ground and split ring resonator structures." Presented by Yahya Yuksek at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Kardelen Yilmaz, **Tayfun Nesimoglu**, co-authored a paper "Design of a multi-layer beam-steering WLAN antenna" presented by Kardelen Yilmaz at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Enes Burak Sahin, Tolga Kaya, **Tayfun Nesimoglu**, co-authored a paper "Frequency modulated continuous wave radar for range detection" presented by Enes Burak Sahin at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Huriye Ozdemir, **Tayfun Nesimoglu**, co-authored a paper “Microwave energy harvesting by using a broadband fractal antenna and a dual-band rectifier” presented by Huriye Ozdemir at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Zakria Qadir, Fadi Al-Turjman, **Tayfun Nesimoglu**, co-authored a paper “ZIGBEE based time and energy efficient smart parking system using IOT” presented by Zakria Qadir at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Haroon Rashid, Zakria Qadir, Moaz Zia, **Tayfun Nesimoglu**, co-authored a paper “Wireless monitoring of ECG signal in infants using SWM and DWT techniques” presented by Haroon Rashid at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Zakria Qadir, Muhammad Ali, **Tayfun Nesimoglu**, co-authored a paper “Design and development of a low cost device for bone fracture detection using FFT technique on MATLAB” presented by Zakria Qadir at IEEE 18th Mediterranean Microwave Symposium (MMS-2018), Istanbul, Turkey, October 2018.

Assoc. Prof. Dr. Volkan Esat of Mechanical Engineering Program, presented a paper “Investigating The Effects Of Materials, Geometric Properties And Modifications On The Crashworthiness Of Bumper And Chassis System” at the "UMTIK2018 – 18th International Conference on Machine Design and Production" which took place during 3-6 July 2018 in Eskişehir, Turkey.

Assoc. Prof. Dr. Volkan Esat of Mechanical Engineering Program, presented a book chapter at the "WRE 2018 - 1st International Workshop on Functional Reverse Engineering of Machine Tools" which took place during 12-13 January 2019 in Khyber Pakhtunkhwa, Pakistan.

Sukru Eraslan, Serkan Karabulut, Mehmet Can Atalay, **Yeliz Yesilada**. Co-authored a paper “ViSTA: Visualisation of Scanpath Trend Analysis (STA) (Scanpath Trend Analysis (STA)’in Gorsellestirilmesi)” presented by Sukru Eraslan at Turkish National Software Engineering Symposium (UYMS 2018), 2018, CEUR proceedings, <http://ceur-ws.org/Vol-2201/>. [Received Best Paper Award — <https://uyms18.sabanciuniv.edu/>]

Huseyin Unlu, **Yeliz Yesilada**, co-authored a paper “Energy Efficient Mobile Web via Scripts&Stylesheets Based Transcoding (Web Sayfalarinin Enerji Tasarrufu Icin Script ve Stil Sablonlari Araciligi ile Donusturulmesi)” presented by Huseyin Ünlü at Turkish National Software Engineering Symposium (UYMS 2018), 2018, CEUR proceedings, <http://ceur-ws.org/Vol-2201/>.

Sukru Eraslan, **Yeliz Yesilada** and Simon Harper. Co-authored a paper “Crowdsourcing a Corpus of Eye Tracking Data on Web Pages: A Methodology. Measuring Behaviour” presented by Yeliz Yeşilada at 11th International Conference on Methods and Techniques in Behavioural Research, 2018.

Victoria Yaneva, Le An Ha, Ruslan Mitkov, Sukru Eraslan and **Yeliz Yesilada**. Co-authored a paper “Detecting Autism Based on Eye-Tracking Data from Web Searching Tasks” presented at 15th Web for All Conference (W4A) 2018, ACM. [Received Best Paper Award — <https://www.w4a.info/2018/>]

Carlos Duarte, Ana Salvado, Luis Carrico, M Elgin Akpınar and **Yeliz Yesilada**. Co-authored a paper “Automatic Role Detection of Visual Elements of Web Pages for Automatic Accessibility Evaluation.” Presented at 15th Web for All Conference (W4A) 2018, ACM.

Scientific Publications

Üzüm, B., Yazan, B., & **Selvi, A. F.** "Inclusive and exclusive uses of we in four American textbooks for multicultural teacher education", Language Teaching Research, 22/5, pp. 625-647, 2018.

S. M. Demir, F. Al-Turjman, **A. Muhtaroglu**, "Energy Scavenging Methods for WBAN Applications: A Review," IEEE Sensors Journal, Vol. 18, No. 16, pp. 6477-6488, August 2018.

S. Chamanian, H. Ullusan, A. Koyuncuoglu, **A. Muhtaroglu**, H. KulaH, "An Adaptable Interface Circuit with Multi-Stage Energy Extraction for Low Power Piezoelectric Energy Harvesting MEMS," IEEE Transactions on Power Electronics, June 2018.

H. Ullusan, S. Chamanian, W. P. M. R. Pathirana, Ozge Zorlu, **A. Muhtaroglu**, H. KulaH, "A Triple Hybrid Micropower Generator with Simultaneous Multi-Mode Energy Harvesting," Smart Materials and Structures, Vol. 27, No. 1, January 2018.

Keen, J., Molcisi, N., Clemmet, A., McPherson, S., Simpson, S., Gerlich, H., Preston, G., **Taslignedik, A.S.**, Bishop, M. and Mowles, P., "Code of practice for the seismic design and installation of non-structural internal walls and partitions" AWCI-Association of Wall and Ceiling Industries, 2018.

Taslignedik, A.S. Akguzel, U. Kam, W.Y. and Pampanin, S., "Strength hierarchy at reinforced concrete beam-column joints and global capacity," Journal of Earthquake Engineering 22 (3), 454-487. 10.1080/13632469.2016.1233916, 2018.

Taslignedik, A.S., "Capacity estimation of frp strengthened rc beam-column joints using hierarchy of strength assessment," Bulletin of Earthquake Engineering 16 (3), 1323-1340. 10.1007/s10518-017-0251-2, 2018.

Sahin A., Hurtado Grooscors, H.A., Góngora Cortés J. J., "Review of FastTest: A Platform for Adaptive Testing", Measurement: Interdisciplinary Research and Perspectives, 16(4), pp.256-263, 2018, doi:10.1080/15366367.2018.1492867

Dosi A. A., Multinormed semifinite von Neumann algebras, unbounded operators and conditional expectations, Journal of Mathematical Analysis and Applications 466 (2018) 573--608.

Dosi A.A., Quantum cones and quantum balls, Azerb. J. Math. 8 (2) (2018) 2218-6816.

Dosi A. A., Noncommutative localizations of Lie-complete rings, Communications in Algebra 44 (2016) 4892-4944.

Samu, R. and **Sagun Kentel, A.** "An Analysis of the Flood Management and Mitigation Measures in Zimbabwe for a Sustainable Future" International Journal of Disaster Risk Reduction, 31, pp.691-697, 2018. DOI: 10.1016/j.ijdr.2018.07.013

Ince C., and Derogar S. 'Consequences of dewatering cement mortars incorporated with ground Bayburt stone'. Emerging Materials Research, ICE Publishing, Vol. 7, Iss. 2, pp 118-127, 2018.

Derogar S, **Ince C.** and Mandal P. 'Development and evaluation of punching shear database for flat slab-column connections without shear reinforcement'. Structural Engineering and Mechanics, Vol. 66, No: 2, pp 203-215, 2018.

Ince C, Derogar S, Ball R.J., Ekinci A., Yuzer N. 'Long-term mechanical properties of cellulose fibre-reinforced cement mortar with diatomite'. *Advances in Cement Research*, ICE Publishing, <https://doi.org/10.1680/jadcr.17.00179>, Ahead of Print. Published Online on February 2018.

Yordamli, A., **Erdener, D.**, "Auditory-visual speech integration in bipolar disorder: a preliminary study". *Languages*, 3, pp.38 (1-10), 2018, doi:10.3390/languages3040038

Erdener, D., Burnham, D. "Auditory-visual speech perception in 3- and 4-year-olds and its relationship to perceptual attunement and receptive vocabulary", *Journal of Child Language*, 45, 273-289, 2018, DOI: <http://10.1017/S0305000917000174>

Erdener, D. "Perception of vowels in sequential bilinguals", *Turkish Journal of Psychology*, volume and page numbers forthcoming.

Kulga, B., **Artun, E.**, Ertekin, T., "Characterization of tight-gas sand reservoirs from horizontal-well performance data using an inverse neural network", *Journal of Natural Gas Science and Engineering*, 59, pp. 35-46, 2018, doi: 10.1016/j.jngse.2018.08.017

Malavolta, I., Mostarda, L., Muccini, H., **Ever, E.**, Doddapaneni, K., Gemikonakli, O., (2018), *Software & Systems Modeling*, ISSN:1619-1366, DOI: 10.1007/s10270-018-0687-0

Deebak B.D., **Ever E.**, Al-Turjman F., (2018) "Analyzing enhanced real-time uplink scheduling algorithm in 3GPP LTE-advanced networks using multimedia systems". *Trans Emerging Tel Tech*. ISSN: 2161-3915. DOI: 10.1002/ett.3443.

Alchihabi A., Dervis A., **Ever E.**, Al-Turjman F., (2018) "A generic framework for optimizing performance metrics by tuning parameters of clustering protocols in WSNs". *Wireless Networks*. ISSN: 1022-0038. DOI: 10.1007/s11276-018-1665-8.

Doddapaneni, K., Tasiran, A., C., **Ever, E.**, Omondi, F., A., Shah, P., Mostarda, L., Gemikonakli, O. (2018). "Does the Assumption of Exponential Arrival Distributions in Wireless Sensor Networks Hold?" *International Journal of Sensor Networks*, Volume 26, Issue 2, ISSN: 1748-1279, pp: 81-100. doi: 10.1504/IJSNET.2016.10001413.

Chu, Z, Nguyen X., H., Le, T. Q., Karamanoglu, M. **Ever, E.** and Yazici, A.. "Secure wireless powered and cooperative jamming D2D communications." *IEEE Transactions on Green Communications and Networking* 2, no. 1 (2018): 1-13.

Kamran, A., Nguyen H. X., Shah, P., Vien, Q.T. and **Ever, E.** "Internet of Things (IoT) Considerations, Requirements, and Architectures for." *Performability in Internet of Things* (2018): 111.

Oyediran, O. A., **Rivas, M. F.**, Coulson, M., & Kernohan, D. (2018). Cooperation and optimism in a social dilemma. *Bulletin of Economic Research* 70 (4), pp. 335-340.

Pérez-Dueñas, C., **Rivas, M. F.**, Oyediran, O. A., & García-Torres, F. (2018). Induced negative mood increases dictator game giving. *Frontiers in psychology*, 9, 1542.

Gelmez-Burakgazi, S. & **Can, I.** (2018). Development and Validation of a Professional Ethics Scale for Pre-Service Teachers. *International Journal of Curriculum and Instructional Studies (IJOCIS)*. (Accepted- to be published in December, 2018).

Islam Elgedawy, CRESCENT+: A Self-Framework for Reliable Composite Web Services Delivery, Iran J Comput Sci, 1(2) , June , 2018, Springer , DOI: 10.1007/s42044-018-0008-3.

Islam Elgedawy, Machine Consciousness as a service (MCaaS): a roadmap, Iran Journal of Computer Science, 1(1), 19-30, April , 2018, Springer, DOI: 10.1007/s42044-017-0002-1.

M. Poddar and A. S. Thakur: Group actions, non-Kähler complex manifolds and SKT structures, Complex Manifolds 5 (2018), 9-25. DOI: 10.1515/coma-2018-0002

I. Biswas, A. Dey and **M. Poddar**: On equivariant Serre problem for principal bundles, Internat. J. Math. Vol. 29 (2018), no. 9, 1850054/1-7, 7 pp. DOI: 10.1142/S0129167X18500544

Charyyev, A., **Shikakhwa, M.S.** "Ring symmetry in electric potential calculation extended to discs and cylinders" European Journal of Physics 39 (6),065204 (2018).

Shikakhwa, M.S. "Symmetric Surface Momentum and Centripetal Force for a Particle on a Curved Surface". Communications in Theoretical Physics 70 (3), pp. 263-267 (2018).

Shikakhwa, M.S. "Spin force and torque in non-relativistic Dirac oscillator on a sphere" Physics Letters, Section A: General, Atomic and Solid State Physics 382 (12), pp. 855-859 (2018).

Ozser, Mustafa E., Mohiuddin, O. "Synthesis, photophysical, structural and electronic properties of novel regioisomerically pure 1,7-disubstituted perylene-3,4,9,10-tetracarboxylic monoimide dibutylester derivatives", Journal of Molecular Structure, Volume 1158, 15 April 2018, Pages 145-155.

Al-Ghussain L., **Taylan O.**, Baker D.K. (2018), "An Investigation of Optimum PV and Wind Energy System Capacities for Alternate Short and Long-Term Energy Storage Sizing Methodologies", International Journal of Energy Research, *accepted for publication*, doi:10.1002/er.4251.

Al-Ghussain L., **Taylan O.** (2018), "Sizing Methodology of a PV/wind Hybrid System: Case Study in Cyprus", Environmental Progress & Sustainable Energy, *accepted for publication*, doi:10.1002/ep.13052.

Taylan O., Pinero D., Berberoglu H. (2018), "Effects of Reactor Geometry on Dissociating CO₂ and Electrode Degradation in a MHCD Plasma Reactor", Greenhouse Gases: Science and Technology, 8(4), pp. 701-712, doi:10.1002/ghg.1776.

Sadati S.M.S., Jahani E., **Taylan O.**, Baker D.K. (2018), "Sizing of PV-Wind-Battery Hybrid System for a Mediterranean Island Community Based on Estimated and Measured Meteorological Data", Journal of Solar Energy Engineering, 140, p. 011006, doi:10.1115/1.4038466.

Al-Ghussain L., **Taylan O.**, Fahrioglu M. (2018), "Sizing of a Photovoltaic-Wind-Oil Shale Hybrid System: Case Analysis in Jordan", Journal of Solar Energy Engineering, 140, p. 011002, doi:10.1115/1.4038048.

Al-Rbeawi, Salam. Bivariate Log-Normal Distribution of Stimulated Matrix Permeability & Block Size in Fractured Reservoirs: Proposing New Multi-Linear Flow Regime for Transient State Production. SPE Journal, 23 (04), 2018.

Al-Rbeawi, Salam. Productivity Index Behavior for Hydraulically Fractured Reservoirs Depleted by Constant Production Rate Considering Transient and Semi-Steady State Conditions. SPE Production & Operation Journal, 33 (04), 2018.

Al-Rbeawi, Salam. Performance-Based Comparison for Fractal Configured Tight and Shale Gas Reservoirs with and without Non-Darcy Flow Impact. SPE Reservoir Evaluation & Engineering, 21(04), 2018.

Al-Rbeawi, Salam. Deep Insight to Pressure Behavior and Stabilized Productivity Index of Multilateral Wells in laterally and Spatially Anisotropic Reservoirs. Journal of Natural Gas Science & Engineering, 54, (2018).

Al-Rbeawi, Salam. Restoring disrupted data by wellbore storage effect using analytical models & type curve matching. In press, International Journal of Oil, Gas, Coal technology. 19 (02), 2018.

Al-Rbeawi, Salam. Integrated analysis of pressure response using pressure rate convolution and deconvolution techniques for varied flow rate production in fractured formation. Journal of Natural Gas Science & Engineering, 51 (2018).

Al-Rbeawi, Salam. The optimal reservoir configuration for maximum productivity index of gas reservoirs depleted by horizontal wells under Darcy and non-Darcy flow Conditions. Journal of Natural Gas Science & Engineering, 49 (2018).

Koudenburg, S. R., "A categorical approach to the maximum theorem", Journal of Pure and Applied Algebra, 222(8), 2099-2142, 2018, doi: 10.1016/j.jpaa.2017.09.002

Tayfun Nesimoglu, Broadband analogue predistortion using a distortion generator based on two-stage RF mixer topology, INTERNATIONAL JOURNAL OF ELECTRONICS, Volume: 105, Issue: 7, Pages: 1185-1199, January 2018.

Binboga Siddik Yarman, Osman Palamutcuogullari, Ismail Kaya, Oğuzhan. Kizilbey, Ahmet Aksen, Tayfun Akin, Z. Levent Ozkan, Irfan Oksar, **Tayfun Nesimoglu**, Microwave Engineering Expertise in Turkey, Vol. 19, Is.3, IEEE Microwave Magazine, Pages.135-140, May 2018.

Acar, B. S., Meric, M., and **Esat, V.**, "Hybrid Foetus with an FE Head for a Pregnant Occupant Model for Vehicle Safety Investigations", International Journal of Crashworthiness, Vol. 23, No. 5, 540 – 548, 2018. DOI: 10.1080/13588265.2017.1359368

Obaidullah, M., **Esat, V.**, and Sabah, C., "Single- and multi-walled carbon nanotubes for solar cell applications", International Journal of Modern Physics B, Vol. 32, No. 21, 26pp, 2018. DOI: 10.1142/S0217979218300074

Sukru Eraslan, Victoria Yaneva, **Yeliz Yesilada** and Simon Harper. Web Users with Autism: Eye Tracking Evidence for Differences, Behaviour & Information Technology, 2018, DOI: <https://doi.org/10.1080/0144929X.2018.1551933> [Published Online]

Victoria Yaneva, Le An Ha, Sukru Eraslan, **Yeliz Yesilada**. Autism and the Web: Using Web-searching Tasks to Detect Autism and Improve Web Accessibility. ACM SIGACCESS Newsletter, Hugo Nicolau (Ed.), Issue 121 June 2018, Article No. 2, DOI: <http://www.sigaccess.org/newsletter/2018-06/yaneva.html>

Assoc. Dr. Cumali Sabah, Mulla, B., Improvement of multiband absorption with different technics (graphene, ito, and hole) for metamaterial absorber at optical frequencies, Journal of Photonics, Volume 12, December 2018.

Emrah Sever, Fatih Dikmen, Yury A. Tuchkin, **Assoc. Dr. Cumali Sabah**, A numerically stable algorithm for scattering from several circular cylinders including metamaterials with different boundary conditions, Optik, Volume 168, September 2018.

F. O. Alkurt, O. Altintas, A. Atci, M. Bakir, E. Unal, O. Akgol, K. Delihacioğlu, M. Karaaslan, **Assoc. Dr. Cumali Sabah**, Antenna-based microwave absorber for imaging in the frequencies of 1.8, 2.45, and 5.8 GHz, Optical Engineering, 57(11), November 2018.

Y. Yuksek, S. M. Demir, **Assoc. Dr. Cumali Sabah**, Plasmonic Resonances in Sub-Terahertz Fishnet Metamaterial Based on Complementary Hexagonal Resonator, Optik - International Journal for Light and Electron Optics, October 2018.

Ahmet Faruk, **Assoc. Dr. Cumali Sabah**, Absorber and sensor applications of complimentary H-shaped fishnet metamaterial for sub-terahertz frequency region, Optik - International Journal for Light and Electron Optics, October 2018.

Mulla B., Altan H., Özyüzer L., **Assoc. Dr. Cumali Sabah**, Cross-like terahertz metamaterial absorber for sensing applications, Pramana – Journal of Physics, August 2018

Akgöl Ö., Ünal E., Altıntaş O., Karaaslan M., Karadağ F., **Assoc. Dr. Cumali Sabah**, Design of metasurface polarization converter from linearly polarized signal to circularly polarized signal, Optik, Vol. 161, May 2018.

Mahircan Demir, Yahya Yüksek, **Assoc. Dr. Cumali Sabah, S.**, Investigation of graphene-integrated tunable metamaterials in THz regime, Pramana, Journal of Physics, May 2018.

M. A. Tümkaya, M. Karaaslan, **Assoc. Dr. Cumali Sabah**, Metamaterial-based fluid sensor for identifying different types of fuel oil samples, Chinese Journal of Physics, Vol. 56(5), October 2018.

Patrick Rufangura, **Assoc. Dr. Cumali Sabah**, Perfect metamaterial absorber for applications in sustainable and high-efficiency solar cells, J. of Nanooptohonics, 12(2), April 2018.

Book

Selvi, A. F., Rudolph, N. *"Conceptual shifts and contextualized practices in education for glocal interaction: Issues and implications"* Springer, 246 pages, 2018.

Selvi, A. F. *"The TESOL Encyclopedia of English Language Teaching"* Wiley, 5824 pages, 2018. (Area Editor: Non-native English-speaking Teachers)

Chapter in a Book

Selvi, A. F. *"Foreword: Conceptualizing and approaching identity and inequity: An account of a shifting paradigm"*, Teacher identities, privilege and marginalization in English language teaching: Beyond essentialization and idealization, pp.v-vii, Yazan, B. & Rudolph, N. (Eds.), Springer, 2018.

Selvi, A. F., de Oliveira, L. C. & Kamhi-Stein, L. D. *"Leadership, mentoring and transformation in language teacher associations: A tripartite dialogue". The role of language teacher associations in professional development*, pp. 215-228, Elsheikh, A., Coombe, C. & Effiong, O. (Eds.), Springer, 2018.

Selvi, A. F., "Myths and Misconceptions About the NNEST Movement and Research", *The TESOL Encyclopedia of English Language Teaching*, pp.XX-XX, J. I. Lontas, TESOL International Association and M. DelliCarpini (Eds.), Wiley, 2018.

Selvi, A. F., Braine, G. "NNEST movement", *The TESOL Encyclopedia of English Language Teaching*, pp. XX-XX, J. I. Lontas, TESOL International Association and M. DelliCarpini (Eds.), Wiley, 2018.

Ever, E.,"Performability Analysis Methods for Clustered WSNs as Enabling Technology for IoT." *In Performability in Internet of Things*, pp. 1-19. Springer, Cham, (2018).

Al-Rbeawi, Salam & Tiab, D. *Impacts of Boundaries, Fracture dimensions, and Penetration Ratio on Pressure Behavior and Flow Regimes of Hydraulically Fractured Formations. Chapter 3, Encyclopedia of Petroleum Exploration and Production, Volume II, University Publishing, New York, NY, USA, 2018, ISBN: 978-1-9789-0812-3.*

Scientific Research Projects and Other Scientific Activities

Approved scientific research projects:

Evidentiality in Turkey Turkish and Cypriot Turkish: A cross-varietal analysis of –DI and –mIş, Project Coordinator **Inst. Dr. Elvan Eda Işık Taş.**

SOCIAL CLASSES AND THE RECENT DEMISE OF DEMOCRACY IN BRAZIL, Project Coordinator **Assist. Prof. Yonca Özdemir**

Academic skills measurement: Measuring the Academic Skills of First Year METU NCC Students, Project Coordinator **Inst. Dr. Gamze Öncül**

DNS Study of Engine-like Systems and Effect of Compressibility in Different Turbulent Regimes, Project Coordinator **Assist. Prof. Ali Atashbar Orang**

Smart and Mobile Vibration Monitoring for Sustainable Civil Infrastructure, Project Coordinator **Assist. Prof. Ekin Özer**

Lifetime Analysis and Health Management of Power Electronic Devices used in Renewable Energy Systems, Project Coordinator **Assist. Prof. Canraş Batunlu**

Investigation of the Phase Behavior of Lyotropic Liquid Crystalline Mesophases, Project Coordinator **Assist. Prof. Cemal Albayrak**

Development of a Kinematic Forearm Model with a Moving Rotation Axis for Pro/Supination Motion, Project Coordinator **Assist. Prof. Behzat Bahadır Kentel**

Estimation of Solar Irradiation at a Tilted Surface at METU NCC, Project Coordinator **Assist. Prof. Onur Taylan**

Substituent Effects on The Structural and Optical Properties of 1,6- and 1,7-disubstituted Perylene Tetracarboxylic Diimides: Time-Dependent Density Functional Theory Investigation, Project Coordinator **Assist. Prof. Mustafa Erkut Özser**

Investigation of Electromagnetic/Microwave Energy Scavenging Techniques, Project Coordinator **Assoc. Prof. Tayfun Nesimoğlu**

Principal bundles in generalized complex geometry, Project Coordinator **Assoc. Prof. Mainak Poddar**

Estimation of Solar Irradiation at a Tilted Surface at METU NCC, Project Coordinator **Assoc. Prof. Dr. Tayfun Nesimoglu**

Research and Development of a Low Profile 1 mW Hybrid Energy Harvester Prototype for Self-Powered Wearable Sensor Applications”, Project Coordinator **Assoc. Dr. Ali Muhtaroğlu.**

TUBITAK 1001 Projects:

Ayarlanabilir Akıllı Anten Tabanlı Yeni Nesil Nesnelerin İnterneti Ağı Çözümü, TUBITAK Researcher
Assoc.Prof.Dr. Tayfun Nesimoglu

Other Scientific Meetings and Seminars:

Assist. Prof. Dr. Ali Fuad Selvi of Teaching English as a Foreign Language Program, participated in the “TESOL 2018 International Convention & English Language Expo” which took place during March 27-30, 2018 in Chicago, IL, USA.

Assist. Prof. Dr. Ali Fuad Selvi of Teaching English as a Foreign Language Program, organized and participated in the “English-Medium Instruction in Higher Education: A Wholistic Approach” which took place on November 9, 2018 in Gazimağusa, Turkish Republic of Northern Cyprus.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, presented a paper as Invited Speaker on "Fossil Fuels and Sustainability" at the seminar organized by METU NCC Society of Petroleum Engineers which took place on the 5th of December 2018 at METU NCC, TRNC.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, gave a certificate course about Building Information Modelling in Autodesk REVIT Environment for METU NCC Mechanical, Civil and Electrical Engineering Students in March 2018 at METU NCC, TRNC.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, gave a certificate course about Autodesk FUSION for METU NCC Students in May 2018 at METU NCC, TRNC.

Assoc. Prof. Dr. Murat Sönmez of Mechanical Engineering Program, gave a certificate course about Sheet Metal Work in Autodesk Inventor Environment for METU NCC Mechanical and Aerospace Engineering Students in October 2018 at METU NCC, TRNC.