
Prof. Dr. GÜLŞEN ERYİĞİT



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Active Roles

- Coordinator of ITU Natural Language Processing Research Group,
- Director of ITU TOMER (Turkish Teaching & Application Center),
- Senior Action Editor of ACL RR (Association of Computational Linguistics Rolling Review),
- Senior Area Chair at EACL 2024 for “Semantics: Sentence-level Semantics, Textual Inference”,
- Vice Leader at EU UniDive Cost Action WG3 (Multilingual and Cross-Lingual Language Technology).

Research Areas

Natural Language Processing (NLP)
Computer Assisted Language Learning (CALL)

Education

- **PhD:** Istanbul Technical University, Computer Engineering Department (2007)
- **MSc:** Istanbul Technical University, Computer Engineering Department (2002)
- **BSc:** Marmara University, Computer Engineering Department (2000)
graduated with the 2nd highest GPA, university entrance exam rank: 1253 over 1.265 million
- **High School:** Saint-Michel French High School (1995)
highest score in university entrance exam in Math&Science

Work Experience

- ITU Artificial Intelligence and Data Engineering Department, Professor, 2024-...
- ITU Turkish Teaching Application and Research Center, Director, 2021-...

- ITU Artificial Intelligence and Data Engineering Department, Associate Professor, 2020-2024
- ITU, Computer Engineering Department, Associate Professor, October 2018 - 2020
- ITU, Computer Engineering Department, Assistant Professor, November 2007-2018
- ITU, Computer Engineering Department, Lecturer, January 2007- November 2007
- VXU (Växjö University) School of Mathematics and Systems Engineering, Visiting Researcher on Language Technology Group, January 2006 - June 2006
- ITU, Computer Engineering Department, Teaching & Research Assistant, October 2002-January 2007
- TAF-ITU MODSIM (Turkish Armed Forces - Istanbul Technical University Modeling & Simulation) Lab., Application Developer, April 2001 - August 2003
- Garanti Technology & ITU, Application Developer & Teaching and Research Assistant, December 2000 - May 2002

Administrative Duties

- ITU Turkish Teaching Application and Research Center Director (2021-...)
- ITU Artificial Intelligence and Data Engineering Department Erasmus Coordinator (2022-...)
- UYZS Technical Infrastructure and Platforms Working Group Member (2022-2023)
- ITU Faculty of Computer and Informatics Engineering, Executive Board Member (2020-2023)
- ITU Artificial Intelligence and Data Engineering Department Vice Chair (2020-2022)
- ITU Faculty of Computer and Informatics Engineering, Faculty Board Member (2019-2022)
- ITU Faculty of Computer and Informatics Engineering, Scholarship Committee Member (2020-2022)
- YZV Curriculum Evaluation and Development Commission Member (2021-2022)
- ITU Appointment and Promotion Criteria Revision Commission Member (2021-2021)
- ITU Publication Committee Member (2020-2021)
- ITU International R&I Cooperations: Due Diligence and Determination of Strategies, Project Coordinator (2020-...)
- ITU Computer Engineering Department Vice Chair (2019-2020)
- ITU - IBU (International Balkan University) Dual-Diploma Computer Engineering Program Coordinator (2019-2020)
- ITU Faculty of Computer and Informatics Engineering, Appointment and Promotion Commission - Member (2017-2020)
- Natural Language Processing Group Coordinator (2016-...)
- Language Technologies and Social Robotic Lab. Coordinator (2016-...)
- Public Relations Committee of the Department - Member (2018-2019)
- Computer Engineering Graduate Program PhD Proficiency Board (2015-2018)
- Computer Engineering Dep. Research Lab-2 Coordinator (2015-2016)
- Faculty Board Member (2014-2017)

- Computer Engineering Graduate Program Admission Board (2013-2016)
- ITU-SUNY Binghamton Dual-Diploma Computer Engineering Program Co-Coordinator (2011-2014)
- Public Relations Committee of the Department - Member (2008-2012)
- Social Organizations Commission of the Department - Member (2006 - 2008)
- Natural Language Processing Reading Group - Coordinator (June 2004 - September 2004)
- Representative of the Department's Research Assistants (December 2004 - January 2006)
- Assessment and Evaluation Commission of the Department - Member (Spring 2004)
- Program Improvement Commission of the Department - Member (Spring 2003)

Projects

funded by Research Funding Agencies

- Multilingual Coreference Resolution, Tubitak 2515 European Cooperation in Science And Technology Program, Coordinator, 2023-
- Automatic Grammar Exercise Generation using Natural Texts for Teaching Turkish as a Foreign Language, ITU - Scientific Research Projects, Coordinator, 2023-
- End-to-End Neural Coreference Resolution for Turkish, İTÜ - Bilimsel Araştırma Projeleri Birimi, Yürütücü, 2022-
- Information Extraction from Banking Documents using Visual Features, Tubitak 1505 University-Industry Cooperation Grant Program, Coordinator, 2020-2021
- Infrastructure Building and Preliminary Scientific Studies on the Development of AI Technologies for Turkey's Priority Areas, ITU - Scientific Research Projects, Researcher, 2019 -
- EnetCollect - European Network for Combining Language Learning with Crowdsourcing Techniques, European Cost Action CA16105, Management Committee Member, 2017-2021
- Coreference Resolution of Turkish, ITU - Scientific Research Projects, Coordinator, 2017-2018
- A Signing Avatar System for Turkish to Turkish Sign Language Machine Translation, TUBITAK 1003, Researcher, 2014-2016
- Parsing Web 2.0 Sentences, TUBITAK 1001, Coordinator, 2013-2015
part of ICT COST (European Cooperation in Science and Technology) Action IC1207 - PARSEME
- PARSEME - Parsing and Multiword Expressions, European Cost Action IC1207, Management Committee Member, 2013-2017
- Turkish Mobile Personal Assistant, Turkey's Ministry of Science Industry and Technology SANTEZ, Coordinator, 2013-2014
- CLARIN - Common language resources and technology infrastructure, EU 7th Framework Programme, Partner, Turkey's representative, 2010-2011
- Dependency Analysis of Turkish, ITU - Scientific Research Projects, Researcher, 2005-2007

- HOGAY Graphical Interface and Data Filtering Scheme Project, ITU - TAF, Researcher, 2001-2003

funded under University-Industry Relationships

- Semantic Analysis Components for Legal Document Review Platforms, 2018-2020
- Dialogue System for Automotive Support Channels, ITU Technology Transfer Office - Automotive Sector, 2017
- Domain Adaptation of Turkish Sentiment Analysis Tool for New Sectors, ITU Technology Transfer Office - Telecommunication Sector, 2017
- Document Classification and Information Extraction System using Deep Learning Techniques- ITU Technology Transfer Office - Banking Sector, 2019-2020
- Entity Detection and Relation Extraction on Noisy Texts, ITU Technology Transfer Office - Banking Sector, 2016-2018
- Turkish Natural Language Processing Components for Semantic Web Technologies, ITU Technology Transfer Office - International Partnership, 2016-2017
- Morphological Generation for a movement-to-speech Turkish Sign Language Translation System, ITU Technology Transfer Office - IT Sector, 2016
- Improving Turkish Sentiment Analysis Results by the use of Advanced Feature Representations and Aspect-based Approaches, ITU Technology Transfer Office - Telecommunication Sector, 2015-2016
- Geocoding - Standardization of Addresses on a Geographic Information System, IT Sector, 2014-2015
- Social Customer Relationship Management, ITU Technology Transfer Office - Banking Sector, 2014-2015
- Social Media Monitoring, ITU Technology Transfer Office - Telecommunication Sector, 2014

Honours & Awards

- Academic Advisor in the Best Graduation Project, ITU Computer Engineering Dep., 2015, 2022.
- Elsevier Information Processing and Management Journal, Best Master Degree Article Award, 2020.
- UBMK Best paper award, 2020.
- Enetcollect Lab of the Month, 2020.
- TUBITAK Project Performance Award, 2018.
- ITU Plaque of Appreciation - Academic Achievement, December 2016.
- TUBITAK H2020 Project Proposal Above Threshold Award, November 2015.
- TUBITAK Travel Support for Participation to H2020 Consortiums, January 2015.
- ITU Plaque of Appreciation - Contribution to EU FP7 projects and Research Infrastructures, January 2012.
- Siemens Excellence Award, June 2007.
- Team member of the winning group in “CoNLL-XI Shared Task:Multi-lingual Dependency Parsing”, June 2007.
- Team member of the winning group in “CoNLL-X Shared Task:Multi-lingual Dependency Parsing”, June 2006.

- TUBITAK (Scientific Technical and Research Council of Turkey) Research Grant during studies in Sweden, January-June 2006.
- TUBITAK (Scientific Technical and Research Council of Turkey) PhD scholarship, 2004-2006.
- Garanti Technology postgraduate scholarship, 2000-2002.
- Marmara University Computer Engineering Department, second highest GPA, 2006.
- Marmara University Rectorship Scholar, October 1998-June 2000.

Languages

English (Advanced) French (Advanced)
Turkish (Native) German (Introductory)

Offered Courses

ITU Computer Engineering Department, Graduate Program

- Advanced Natural Language Processing (PhD)(Spring 2023-2024)
- Natural Language Processing (Msc)(Spring 2007, Fall 2007, Fall 2009-2023)
- Statistical Methods in Natural Language Processing (PhD)(Spring 2011, Spring 2013-2022)

ITU Artificial Intelligence & Data Engineering Department, Undergraduate Program

- Data Structures (Fall 2021-2022)
- Natural Language Processing (Spring 2024)

ITU Computer Engineering Department, Undergraduate Program

- Data Structures (Fall 2007-2008, Spring 2009, Fall 2009, Spring 2010, Fall 2010-2020)
- Object Oriented Programming (Spring 2007-2023)
- Computer Operating Systems (Spring 2007)

SUNY Binghamton-ITU Information Systems Engineering, Undergraduate Program

- Programming I (Fall 2008-2011)
- Java Programming (Spring 2009-2011)

ITU Information Technologies, Graduate Program

- Data Structures and Algorithms(Spring 2007, Spring 2010-2011)
- Structured Programming (Fall 2009-2011)

Personal Information

Nationality : Turkish

Birth Date: 1978

Status: Married, Mother of 1 child (maternity leave in 2008)

Maden Name: Cebirođlu

Research Groups

- ITU NLP Natural Language Processing Group, Coordinator 2016-...
- ITU Learning from Data Research Group, Member 2006-...
- ITU NLP Natural Language Processing Group, Founding Member 2002-2016
- ITU EVAL Evolutionary Algorithms Research Group 2002-October 2005

Professional Activities

Editorial Boards

- EACL, Semantics: Sentence-level Semantics, Textual Inference, 2024, Senior Area Chair.
- ACL Rolling Review, Language Resources and Evaluation Track, 2023-..., Senior Action Editor.
- Turkish Journal of Electrical Engineering & Computer Sciences, 2020-2022, Editorial Board Member.
- Phraseology and Multiword Expressions (PMWE) book series, Language Science Press, 2016 -..., Editorial Board Member.

Advisory Boards

- Marmara University, Computer Engineering Department, 2014-... , Advisory Board Member.

International Networks

- ICT COST Action CA21167 “Unidive”, WG3 Multilingual and Cross-Lingual Language Technology, 2022-..., Co-Leader.
- ICT COST Action CA21167 “Unidive”, 2022-..., Management Committee Member.
- ICT COST Action CA16105 “EnetCollect”, 2017-2022, Management Committee Member.
- ICT COST Action IC1207 “PARSEME”, 2013-2017, Management Committee Member.
- ACL - Association for Computational Linguistics
- EU FP7 CLARIN Research Infrastructure, 2009-2011, National Representative.

Grant Proposal Reviews for Research Institutes

- TUBITAK TEYDEB-TEMEG, January 2022, Panel Evaluation Member.
- TUBITAK ARDEB, October 2021, Panel Evaluation Member.

- TUBITAK ARDEB , December 2019, Panel Evaluation External Expert.
- Ministry of Science, Industry and Technology, June 2019, R&D Center Evaluator.
- TUBITAK ARDEB, December 2017, Panel Evaluation Member.
- TUBITAK SOBAG, April 2017, Panel Evaluation External Expert.
- TUBITAK ARDEB , January 2016, Panel Evaluation External Expert.
- TUBITAK BİLTEG 1512 2. Aşama January 2016, Panel Evaluation Member.
- European Cooperation in Science and Technology “COST”, July 2014, Project Proposal Evaluator
- European Commission “Horizon 2020”, May-June 2014, Project Proposal Evaluator & Panel Evaluation Member
- TUBITAK ARDEB , June 2014, Panel Evaluation External Expert.
- TUBITAK ARDEB , May 2014-March 2016, Post-award reviewer.
- TUBITAK ARDEB , April 2014, Panel Evaluation External Expert.
- TUBITAK ARDEB (Research Grants Division), May 2013, Panel Evaluation Member.
- Ministry of Science, Industry and Technology, April 2012, Technology and Innovation Initiative Support Programs, Panel Evaluation Member.
- Swiss National Science Foundation, May 2011, Project Proposal Reviewer.
- TUBITAK (Turkish NSF) TEYDEB (Technology and Innovation Support Division), 2008–2022, Post-award reviewer.
- TUBITAK (Turkish NSF) TEYDEB (Technology and Innovation Support Division), 2008–2022, Project Proposal Reviewer.

Article Reviews for Journals

- Transactions on Asian and Low-Resource Language Information Processing, 2022, Reviewer.
- “Special issue on crowdsourcing for language learning and linguistic resource creation” at journal Slovenščina 2.0, 2022, Editorial Board Member.
- Journal of Information Technologies, 2021, Reviewer.
- Information Sciences, 2021, Reviewer.
- Turkic Languages Journal, 2021, Reviewer.
- LREV(Language Resources and Evaluation Journal), 2020, Reviewer.
- PeerJ Computer Science , 2020 Reviewer.
- International Journal of Informatics Technologies, 2019, Reviewer.
- Information Processing & Management, 2019, 2020, 2022 Reviewer.
- Computer Speech & Language, 2017, 2019, 2022 Reviewer.
- Turkish Journal of Electrical Engineering & Computer Sciences, 2017-2021 Reviewer.
- Süleyman Demirel University Journal of Natural and Applied Sciences, 2017, Reviewer.
- International Journal of Intelligent Systems and Applications in Engineering, 2017, 2019 Reviewer.

- Journal of Polytechnic of Gazi University, 2016, Reviewer.
- Journal of the Faculty of Engineering and Architecture of Gazi University, 2016, 2021, Reviewer.
- Language Resources and Evaluation, 2016, Reviewer.
- Turkish Journal of Electrical Engineering & Computer Sciences, 2014, Reviewer.
- LREV(Language Resources and Evaluation Journal), 2013, 2021, Reviewer.
- IEEE Transactions on Audio, Speech and Language Processing, 2013, Reviewer.
- Computer Journal, 2012 Reviewer.
- IEEE Transactions on Audio, Speech and Language Processing, 2012, Reviewer.
- Turkish Journal of Electrical Engineering & Computer Sciences, 2012, Reviewer.
- Research on Language and Computation, Springer, 2010, Reviewer.
- Computer Journal, 2008, Reviewer.

Shared Task Organizations

- Unidive WG3 Istanbul Meeting, 2023, Local Organization Chair.
- Enetcollect CrowdFest Event, 2020, Task Leader.
- PARSEME shared task on automatic identification of verbal MWEs, EACL 2017, Language Leader for Turkish.
- SemEval-2016 task 5: Aspect based sentiment analysis, Language Leader for Turkish.
- CoNLL-XI SharedTask: Multi-lingual Dependency Parsing, 2007, Data Provider for Turkish test dataset.

Conference Committee Memberships and Reviews

- 31th IEEE Conference on Signal Processing and Communications Applications, 2023, Reviewer.
- 30th IEEE Conference on Signal Processing and Communications Applications, 2022, Reviewer.
- MWE workshop at LREC 2022, Marseille, Program Committee Member.
- INISTA, 2021, Reviewer.
- KDF 2021 : The AAAI-21 Workshop on Knowledge Discovery from Unstructured Data in Financial Services, Program Committee Member.
- ACL 2020, Seattle US, Reviewer.
- Coling 2020, Barcelona, Spain, Review Committee Member.
- MWE workshop at COLING 2020, Barcelona, Program Committee Member.
- MWE workshop at ACL 2019, Florence, Program Committee Member.
- Coling 2018 International Conference on Computational Linguistics, New Mexico, USA, Program Committee Member.
- EMNLP 2017 Conference on Empirical Methods in Natural Language Processing, Copenhagen, Program Committee Member.
- MWE 2017 The 13th Workshop on Multiword Expressions, Valencia, Program Committee Member.

- UBMK (International Conference on Computer Science and Engineering), 2017-2022, Program Committee Member, Organizing Committee Member.
- PARSEME 7 (7th General PARSEME Meeting), Dubrovnik, 2016, Program Committee Member.
- TURCLING 2016, 2016, Program Committee Member.
- CICLING 2016, 2016, Program Committee Member.
- SEMEVAL 2016, International Workshop on Semantic Evaluation, 2016, Reviewer.
- PARSEME 6 (6th General PARSEME Meeting), Struga, Macedonia, 2016, Program Committee Member.
- PARSEME 5 (5th General PARSEME Meeting), Iasi, Romain, 2015, Program Committee Member.
- SPMRL 2015 in conjunction with IWPT 2015 in Bilbao (Basque Country, Spain), 2015, Program Committee Member.
- DEPLING International Conference on Dependency Linguistics, Uppsala, Sweden, 2015, Program Committee Member.
- Coling Workshop SPMRL-SANCL First Joint Workshop on Statistical Parsing of Morphologically Rich Languages and Syntactic Analysis of Non-Canonical Languages, 2014, Program Committee Member.
- EACL Workshop on 10th Workshop on Multiword Expressions (MWE), 2014, Program Committee Member.
- Conference on Empirical Methods in Natural Language Processing (EMNLP), 2013, Reviewer.
- EMNLP-Workshop on Statistical Parsing of Morphologically Rich Languages (SPMRL), 2013, Program Committee Member.
- The 6th International Joint Conference on Natural Language Processing (IJCNLP), 2013, Reviewer.
- 28th International Symposium on Computer and Information Sciences (ISCIS), 2013, Reviewer.
- ACL 2013, Program Committee Member.
- SPMRL 2013, 4th Workshop on Statistical Parsing of Morphologically Rich Languages, Program Committee Member.
- ESSLLI 2013 EPI Workshop on extrinsic parse improvement, Program Committee Member.
- SP-Sem-MRL 2012 - ACL 2012 Joint Workshop on Statistical Parsing and Semantic Processing of Morphologically-Rich Languages, Program Committee Member.
- SANCL 2012 - NAACL-HLT Workshop on Syntactic Analysis of Non-Canonical Language, Program Committee Member.
- LREC 2012 - First Workshop on Language Resources and Technologies for Turkic Languages, Program Committee Member.
- The eight international conference on Language Resources and Evaluation (LREC), 2012, Organizing Committee Member.
- International Conference on Dependency Linguistics, September 2011 Barcelona, Program Committee Member.
- EVOSar 2010, Organizing Committee Member.
- ACL 2010, Program Committee Member.
- ACL 2008 Student Research Workshop, 2008, Program Committee Member.

- 11th Conference on Computational Natural Language Learning, 2007, Reviewer.
- 3rd Asia Pacific International Symposium on Information Technology, 2004, Organizing Committee Member.
- International Conference on Artificial Intelligence and Applications, 2004, Reviewer.

Keynote & Invited Speeches

- 14 October 2023, 36th YADOT WG Meeting, İTÜ, Istanbul.
- 29 September 2023, 14th Free Linguistics Conference (FLC), Kadir Has University, Istanbul.
- 21 September 2023, 31st National Management and Organization Congress, Nişantaşı University, Istanbul.
- 10 May 2023, National Conference “from Artificial Intelligence to Generative Artificial Intelligence”, Gazi AI Center, Ankara.
- 7 May 2023, International Symposium on Brain and Cognitive Science 2023, Özyeğin University, Istanbul.
- 29 March 2023, Cigna CX Live, “AI in Banking & Finance”, Istanbul.
- 5 October 2022, Prometeia Banking & Insurance Day, “Natural Language Processing in Banking & Finance”, Istanbul.
- 14 January 2022, İTÜ Game&Interaction Technologies Seminars, “Using Games for Language Learning and Language Resource Construction”, Online.
- 22 October 2021, EU Spanning Boundaries Project Inspirational Speaker and Networking Event, Online.
- 23 September 2021, Erasmus+ Stem Valorise Project Lighthouse Story, Online.
- 8 June 2021, 1st workshop of EthicAI Labs (EthicAI Project by Goethe-Institutes in Athens, Bucharest, Ankara, Sarajevo, Sofia and Zagreb), Online.
- 2 March 2021, KUIS AI Seminars, “Information Extraction” https://youtu.be/aVWsQa_GVvk, Online.
- 18 February 2021, EU Enetcollect Cost Action, “Gamified Crowdsourcing”, Online.
- 9 September 2020, TRAI Podcast Series, <https://open.spotify.com/episode/4uTtzwmhtHuZhGvt13zVGe?si=GLAr9f9TSd2Cpc5MqWZyLA>, Online.
- 14 August 2020, Wtech - Women in Technology, <https://youtu.be/MUV6WYMVpoY>, Online.
- 11 August 2020, Ufuk Tarhan asks, <https://youtu.be/E1-QV7Lj87w>, Online.
- 29 May 2020, Pitstop Webinars, <https://youtu.be/Ei3SeseAq0g>, Online.
- 26 December 2019, Istanbul National Education Directorate, AI Seminars, Istanbul.
- 8 September 2019, 3. Summer School for Data Science, Sabancı University, Istanbul.
- 21 September 2018, 3. International Conference on Computer Science and Engineering (UBMK’18), Sarajevo, Bosnia&Herzegovina.
- 05 July 2018, Summer School in AI at Bosphorus (Boğaz’da Yapay Öğrenme İsmail Arı Yaz Okulu), Boğaziçi University, Istanbul.
- 17 March 2017, Recent Innovations in Natural Language Processing, IEEE Computer Society Club, Istanbul Technical University, Istanbul.

- 31 January - 1 February 2017, Theoretical Foundations of Natural Language Processing, Corpus Linguistics Summer School, Hacettepe University Ankara.
- 27 January 2016, Research Infrastructures 2016-2017 Calls Info Day Success Story, ITU, Istanbul.
- 6 January 2016, Horizon 2020 Program Research Infrastructures Info Day and Experience Sharing Event Panelist, Tubitak, Ankara.
- 26 November 2015, “Turkish Natural Language Processing and ITU Turkish NLP Pipeline”, Uppsala University, Sweden.
- 03 November 2015, “Natural Language Processing and Electronic Dictionaries”, II. International Lexicography Symposium: Electronic Dictionaries, Istanbul, Turkey.
- 05 May 2015, “Parsing Web2.0 Language and Sentiment Analysis: The case of Turkish”, Emotion and Sentiment in Social and Expressive Media: opportunities and challenges for emotion-aware multi agent systems ESSEM@AAMAS 2015, Istanbul, Turkey.
- 07 November 2014, “ITU Turkish Natural Language Processing Studies: 2000-2014”, TurkLANG Conference, Istanbul, Turkey.
- 20 June 2013, “Parts-of-Speech Tagging and Dependency Parsing”, Summer School on Natural Language and Speech Technologies (SSNLST’2013), TÜBİTAK BİLGEM BTE, İstanbul.
- 23 February 2010, “Natural Language Processing & Morphological Analysis”, Koç University, Istanbul, Turkey.
- 24 April 2007, “Dependency Parsing of Turkish”, Boğaziçi Üniversitesi, Istanbul, Turkey.
- 4 May 2006, “Dependency Parsing of Turkish”, Uppsala Universitet, Uppsala, Sweden. (Minisymposium Computational aspects of building an annotated Swedish-Turkish parallel corpus)

Attended Conferences and Seminars

(fa.: funding agency)

- 8-9 February 2024, AB COST Action CA21167 - UNIDIVE 2nd General meeting, Naples. (fa. *Eu Cost*)
- 16-17 March 2023, AB COST Action CA21167 - UNIDIVE 1st General meeting, Paris. (fa. *Eu Cost*)
- 23 September 2022, AB COST Action CA21167 - UNIDIVE kick-off meeting, Brussels. (fa. *Eu Cost*)
- 6-8 July 2020, The 58th Annual Meeting of the Association for Computational Linguistics. (fa. *ACL*)
- 3-7 February 2020, AB COST Action CA16105 CrowdFest, Portekiz. (fa. *Eu Cost*)
- 27-29 November 2019, AB COST Action CA16105 LARA Workshop, Slovakya. (fa. *Eu Cost*)
- 14-15 November 2019, AB COST Action CA16105 Working Group Meetings, Malta. (fa. *Eu Cost*)
- 13-15 March 2019, EU Cost Action CA16105 MC and Working Group Meetings, Portugal. (fa. *Eu Cost*)
- 14-16 March 2018, EU Cost Action CA16105 MC and Working Group Meetings, Romania. (fa. *Eu Cost*)
- 9-10 November 2017, EU ICT Proposers’ Day 2017, Budapest, Hungary. (fa. *İTÜ*)
- 7-8 April 2016, EU Cost Action IC1207 Meeting: MC and Working Group Meetings, Macedonia. (fa. *Eu Cost*)
- 19-20 March 2015, EU Cost Action IC1207 Meeting: MC and Working Group Meetings, Malta. (fa. *Eu Cost*)
- 16 January 2015, ICT 16 Big Data Networking Day, Brussel. (fa. *TUBITAK*)

- 10-11 March 2014, EU Cost Action IC1207 Meeting: MC and Working Group Meetings, Athens. (*fa. Eu Cost*)
- 28-30 October 2013, Tenth Symposium on Natural Language Processing (SNLP-2013), Phuket. (*fa. ITU*)
- 15-18 September 2013, Action IC1207 Meeting: MC and Working Group Meetings, Warsaw. (*fa. Eu Cost*)
- 4-9 August 2013, ACL - Annual Meeting of the Association for Computational Linguistics, Sofia. (*fa. Turkcell*)
- 8 March 2013, Action IC1207 Meeting: PARSEME Action's kick-off meeting, Brussels. (*fa. ITU*)
- 15-18 September 2013, Action IC1207 Meeting: MC and Working Group Meetings, Warsaw. (*fa. Eu Cost*)
- 23-25 May 2012, LREC - The Eight Int. Conf. on Language Resources and Evaluation, Istanbul. (*fa. ITU*)
- 4-8 October 2011, IWPT - 12th International Conference on Parsing Technologies, Dublin. (*fa. ITU*)
- 18 October 2010, CLARIN Consortium Meeting, Vienna.
- 7-9 April 2010, EvoStar The main European events on Evolutionary Computation, Istanbul.
- 15 February 2010, Graduate Adviser Workshop, ITU FBE, Istanbul, Turkey (*fa. ITU*)
- 7-8 December 2009, EU FP7 Contract Negotiation and Project Management Workshop, Istanbul (*fa. ITU*)
- 26-27 October 2009, EU FP7 Proposal Writing Workshop, Istanbul (*fa. ITU*)
- 29 September-2 October 2009, NEERIO9, Networking Event for European Research Infrastructures, Helsinki, Finland (*fa. TUBITAK National Contact Point Special Grant & ITU*)
- 23-30 June 2007, 45th Annual Meeting of the Association for Computational Linguistics, Prague (*fa. ITU*)
- 17-19 December 2006, 21st International Conference on the Computer Processing of Oriental Languages, Sentosa, Singapore. (*fa. TUBITAK*)
- 4-9 June 2006, HLT-NAACL 2006, Human Language Technology Conference - North American chapter of the Association for Computational Linguistics annual meeting, New York, USA. (*fa. VXU*)
- 4-5 May 2006, Computational Aspects of Building an Annotated Swedish-Turkish Parallel Corpus, Uppsala, Sweden. (*fa. Uppsala Univ.*)
- 4-7 April 2006, 11th Conference of the European Chapter of ACL, Trento. (*fa. ITU*)
- 30 March-1 April 2005, EuroGP2005 & EvoCOP2005, Lausanne, Switzerland. (*fa. TUBITAK*)
- 24-28 October 2004, 19th Annual ACM Conference on Object-Oriented Programming, Systems, Languages, and Applications, Vancouver, British Columbia, Canada.
- 26-28 May 2004, Microsoft Research Academic Days in Istanbul.
- 16-18 January 2004, IASTED Int. Conf. on Artificial Intelligence and Applications, Innsbruck. (*fa. ITU*)
- 2-4 July 2003, 12th International Turkish Symposium on Artificial Intelligence and Neural Networks, Çanakkale.
- 4 - 6 January 2002, .NET Academic Workshop, Microsoft Turkey.
- 3 - 6 September 2002, TBD 19. Information Congress, Istanbul.
- 10-11 October 2001, Joint Theater Level Simulation Users Conference by Rolands & Associates Corporation, Hyatt Regency, Monterey, California. (*fa. TAF*)
- 30 October -3 November 2000, Windows 2000 Professional and Server, KoçSystem Education Center, Istanbul.

Media Appearances

- Interview at the National TV HaberTürk - Teke Tek Science Program, <https://youtu.be/q2f7hrelqtc>, January 2023.
- TRTHaber Nation TV News - İTÜRK <https://youtu.be/GAE6pzMCPqY>, May 2022.
- Interview at the National TV HaberTürk - Teke Tek Science Program, https://youtu.be/_r6ADEVhuCs, September 2021.
- ITU News, Best Article Award, <https://haberler.itu.edu.tr/en/newsdetail/2021/04/13/best-paper-award-to-our-faculty-member-and-her-student> , April 2021.
- ITU News, Patent, <https://haberler.itu.edu.tr/en/newsdetail/2021/03/31/invention-of-our-artificial-intelligence-and-data-engineering-department-faculty-members-obtained-patent>, March 2021.
- ITU News, Turkish Touch to AI, <https://arsiv-haberler.itu.edu.tr/haberdetay/2020/05/06/yapay-zekaya-turkce-dokunus>, May 2020.
- Istanbul National Education Directorate Magazine, November 2020.
- Istanbul National Education Directorate Press Release, <https://istanbulakademi.meb.gov.tr/haberler.php?pID=93> , December 2019.
- Ministry of Education Press Release, istanbul.meb.gov.tr/www/yapay-zek-seminerleri/icerik/2934 , December 2019.
- ITU Foundation Magazine, issue 76, page 48, ITU's Technology Transfer Interface ITU TTO, https://www.ituvakif.org.tr/dergi/sayi_76.pdf, April 2017.
- ITU Foundation Magazine, issue 75, page 41, ITU Natural Language Processing Pipeline, [https://www.ituvakif.org.tr/dergi.asp#prettyPhoto\[1\]/0/](https://www.ituvakif.org.tr/dergi.asp#prettyPhoto[1]/0/), February 2017.
- ITU News, First International License by ITU Technology Transfer Office, <http://www.itu.edu.tr/akademi/itu-navo-tto/itunova-tto-dan-abd-ye-ilk-lisanslama-itu-dogal-dil-/isleme-yazilim-zinciri>, December 2016.
- ITU Technology Transfer Office, Academic Interviews, ITU Turkish Natural Language Processing Pipeline, <https://www.youtube.com/watch?v=IyU5Z03uuog>, December 2016.
- Turkcell Academy ITU Computer Engineering, Natural Language Processing Studies at ITU, <https://vimeo.com/87570449>, https://www.youtube.com/watch?v=EITYo_2OV2M, September 2013.
- H2O magazine, A Project Teaching Turkish to Electronic Devices, <http://www.itunovatto.com.tr/Bulten/2/PDF.pdf> page 30, 2014.
- VOX Vaxjo Universitet Magazin Visiting Researcher Interview, <https://web.itu.edu.tr/gulsenc/interview.pdf>, March 2006.

Publications & Patents

6818 citations in Google Scholar by February 2024, h-index=30

Thesis

Dependency parsing of Turkish, 2006. Ph.D. thesis, Istanbul Technical University, Istanbul.

An affix stripping morphological analyzer for Turkish, 2002. Master Thesis, Istanbul Technical University, Istanbul.

Patents

A system and method for translation from Turkish to Turkish Sign Language, 2021. Patent, Turkish Patent and Trademark Office (TR 2016 07902 B).

An automated gamification method for morphologically-rich language learning, 2023. Patent, Turkish Patent and Trademark Office (Accepted 2021/015850).

International Journal Articles

Elif Oral, Ali Acar, and **Gülşen Eryiğit**. 2022. Abstract meaning representation of Turkish. *Natural Language Engineering*, page 1–30.

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