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Biography

Gülşen Eryiğit is an Assistant Professor at Istanbul Technical University (ITU), Turkey, founding member of the ITU Natural Language Processing Group, member of the ITU Learning from Big Data Group. She received her M.S. and Ph.D. degrees from the Computer Engineering Department, Istanbul Technical University, Turkey, in 2002 and 2007, respectively. In 2006, she worked as a visiting student researcher at Växjö University, Sweden where she worked in the first ranked team of Conll shared tasks in 2006 and 2007 on multi-lingual dependency parsing. In 2007, she won Siemens Excellence award for her PhD thesis.

Her current research focuses on natural language processing of Turkish. In this field, she acted as a reviewer or co-author of various publications in prestigious journals and conferences. She was the Turkey's representative in CLARIN (EU 7th Framework Programme, CLARIN - Common language resources and technology infrastructure). Currently, she is the leader of two research projects: one EU Cost Action project "Parsing Web2.0 Sentences" funded by the Scientific and Technological Research Council of Turkey (TUBITAK) and one national project "Turkish Mobile Personal Assistant" funded by Turkey's Ministry of Science, Industry and Technology. She is the NLP coordinator of one interdisciplinary research project "A Signing Avatar System for Turkish to Turkish Sign Language Machine Translation" funded by TUBITAK. She is serving as a consultant or technical advisor to several companies. She has been a reviewer for many research and industrial proposals for European Commission (H2020 and Cost Action Programs), TUBITAK, Turkey's Ministry of Science, Industry and Technology and Swiss National Science Foundation.

Education Information

Doctorate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2002 - 2007

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2000 - 2002

Undergraduate, Marmara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1995 - 2000

Foreign Languages

French

German, A1 Beginner

English

Dissertations

Doctorate, Türkçe'nin bağhık ayrıştırması, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007

Postgraduate, Sözlüksüz köke ulaşma yöntemi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2002

Research Areas

Technical Sciences, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Bilgisayar ve Bilişim, Yapay Zeka Ve Veri Mühendisliği, 2018 - Continues

Assistant Professor, Istanbul Technical University, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2018

Lecturer PhD, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2007

Research Assistant, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2002 - 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Gamified crowdsourcing for idiom corpora construction**
Eryiğit G., Sentas A., Monti J.
NATURAL LANGUAGE ENGINEERING, vol.29, no.4, pp.909-941, 2023 (SCI-Expanded)
- II. **Gamification of complex morphology learning: the case of Turkish**
Eryiğit G., Bektas F., Ali U., Dereli B.
COMPUTER ASSISTED LANGUAGE LEARNING, vol.36, no.8, pp.1421-1449, 2023 (AHCI)
- III. **Fusion of visual representations for multimodal information extraction from unstructured transactional documents**
Oral B., Eryiğit G.
INTERNATIONAL JOURNAL ON DOCUMENT ANALYSIS AND RECOGNITION, vol.25, no.3, pp.187-205, 2022 (SCI-Expanded)
- IV. **Abstract meaning representation of Turkish**
Oral E., Acar A., Eryiğit G.
NATURAL LANGUAGE ENGINEERING, 2022 (SCI-Expanded)
- V. **Information Extraction from Text Intensive and Visually Rich Banking Documents**
Oral B., Emekligil E., Arslan S., Eryiğit G.
INFORMATION PROCESSING & MANAGEMENT, vol.57, no.6, 2020 (SCI-Expanded)
- VI. **Implementing universal dependency, morphology, and multiword expression annotation standards for Turkish language processing**
Sulubacak U., Eryigit G.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.3, pp.1662-1672, 2018 (SCI-Expanded)
- VII. **Relation extraction via one-shot dependency parsing on intersentential, higher-order, and nested relations**

SAHIN G. G., Emekligil E., Arslan S., Ağın O., Eryiğit G.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.2, pp.830-843, 2018 (SCI-Expanded)

VIII. **Multiword Expression Processing: A Survey**

CONSTANT m., ERYİĞİT G., MONTÍ j., VAN DER PLAS l., RAMÍSCH c., ROSNER M., TODÍRASCU a.

Computational Linguistics, vol.43, pp.837-892, 2017 (SCI-Expanded)

IX. **Social media text normalization for Turkish**

Eryiğit G., Torunoglu-Selamet D.

NATURAL LANGUAGE ENGINEERING, vol.23, no.6, pp.835-875, 2017 (SCI-Expanded)

X. **Extending a CRF-based named entity recognition model for Turkish well formed text and user generated content**

Şeker G. A., Eryiğit G.

SEMANTIC WEB, vol.8, no.5, pp.625-642, 2017 (SCI-Expanded)

XI. **Building machine-readable knowledge representations for Turkish sign language generation**

Eryigit C., Köse H., Kelepir M., ERYIGIT G.

KNOWLEDGE-BASED SYSTEMS, vol.108, pp.179-194, 2016 (SCI-Expanded)

XII. **Dependency parsing of Turkish**

Eryiğit G., Nivre J., Ofłazer K.

COMPUTATIONAL LINGUISTICS, vol.34, no.3, pp.357-389, 2008 (SCI-Expanded)

XIII. **MaltParser: A language-independent system for data-driven dependency parsing**

Nivre J., Hall J., Nilsson J., Chanev A., Eryiğit G., Kübler S., Marinov S., Marsi E.

Natural Language Engineering, vol.13, no.2, pp.95-135, 2007 (SCI-Expanded)

XIV. **Performance analysis of Naïve Bayes classification, Support Vector Machines and Neural Networks for spam categorization**

Tantuğ A. C., Eryiğit G.

Advances in Soft Computing, vol.34, pp.495-504, 2006 (SCI-Expanded)

XV. **The memory indexing evolutionary algorithm for dynamic environments**

Karaman A., Uyar S., Eryigit G.

APPLICATIONS OF EVOLUTIONARY COMPUTING, PROCEEDINGS, vol.3449, pp.563-573, 2005 (SCI-Expanded)

XVI. **A gene based adaptive mutation strategy for genetic algorithms**

Uyar A. Ş., Sariel S., Eryiğit G.

LECTURE NOTES IN COMPUTER SCIENCE, vol.3103, pp.227-281, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Veri Artırımı için Yarı-Denetimli Bağlamsal Anlam Belirsizliği Giderme**

TORUNOĞLU SELAMET D., ERYİĞİT G.

Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.14, no.1, pp.34-46, 2021 (Peer-Reviewed Journal)

II. **Türkçe Zamansal İfadelerin Yakalanması ve Tanımlanması**

Camcı H., ERYİĞİT G.

Bilişim Teknolojileri Dergisi, vol.14, no.3, pp.337-343, 2021 (Peer-Reviewed Journal)

III. **Türkçe Hedef Tabanlı Duygu Analizi İçin Alt Görevlerin İncelenmesi – Hedef Terim, Hedef Kategori Ve Duygu Sınıfı Belirleme**

Çetin F. S., ERYİĞİT G.

Bilişim Teknolojileri Dergisi, vol.11, no.1, pp.43-56, 2018 (Peer-Reviewed Journal)

IV. **Use of NLP Techniques for an Enhanced Mobile Personal Assistant: The Case of Turkish.**

Çelikkaya G., Eryiğit G.

INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, pp.1-11, 2017 (Peer-Reviewed Journal)

- V. **ITU Validation Set**
ERYİĞİT G., Pamay T.
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.7, no.1, pp.103-106, 2014 (Peer-Reviewed Journal)
- VI. **The Impact of NLP on Turkish Sentiment Analysis**
Yıldırım E., Çetin F. S., Eryiğit G., Temel T.
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.8, pp.1-5, 2014 (Peer-Reviewed Journal)
- VII. **A mobile assistant for Turkish**
Çelikkaya G., Eryiğit G.
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.1, pp.8-10, 2014 (Peer-Reviewed Journal)
- VIII. **Biçimbilimsel Çözümleme**
Eryiğit G.
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.6, pp.33-55, 2013 (Peer-Reviewed Journal)
- IX. **Türkçe'nin olasılık tabanlı bağıllık ayrıştırması**
Eryiğit G., Adalı E., Oflazer K.
İstanbul Teknik Üniversitesi Dergisi, vol.7, pp.1-10, 2007 (Peer-Reviewed Journal)
- X. **The incremental use of morphological information and lexicalization in data-driven dependency parsing**
Eryiğit G., Nivre J., Oflazer K.
Computer Processing of Oriental Languages, Beyond the Orient: The Research Challenges Ahead, vol.4285, pp.498-507, 2006 (Peer-Reviewed Journal)
- XI. **Yaramaz E Postaların Süzülmesinde Karar Destek Makineleri Naive Bayes ve Bellek Tabanlı Öğrenme Yöntemlerinin Karşılaştırılması**
ERYİĞİT G., TANTUĞ A. C., ADALI E.
Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.1, pp.27, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Statistical MWE-aware parsing**
Constant M., ERYİĞİT G., Ramisch C., Rosner M., Gerold S.
in: Representation and parsing of multiword expressions: Current trends, Yannick Parmentier, Jakub Waszczuk, Editor, Language Science Press, Berlin, pp.147-182, 2019
- II. **Dependency Parsing of Turkish**
ERYİĞİT G., Nivre J., Kemal O.
in: Studies in Turkish Language Processing, Kemal Oflazer, Murat Saraçlar, Editor, Springer International Publishing, pp.133-151, 2018
- III. **PARSEME multilingual corpus of verbal multiword expressions**
Savary A., ERYİĞİT G.
in: Multiword expressions at length and in depth: Extended papers from the MWE 2017 workshop, Stella Markantonatou, Carlos Ramisch, Agata Savary, Veronika Vincze, Editor, Language Science Press, Berlin, pp.87-148, 2018
- IV. **Turkish Treebank**
ERYİĞİT G., Oflazer K., SULUBACAK U.
in: Studies in Turkish Language Processing, Kemal Oflazer, Murat Saraçlar, Editor, Springer International Publishing, pp.273-289, 2018
- V. **Performance Analysis of Naïve Bayes Classification , Support Vector Machines and Neural Networks For Spam Categorization**
TANTUĞ A. C., ERYİĞİT G.
in: Applied Soft Computing Technologies The Challenge of Complexity, Ajith Abraham, Bernard de Baets, Mario Köppen, Bertram Nickolay, Editor, Springer Berlin Heidelberg, Berlin, pp.495-504, 2006

VI. A Gene Based Adaptive Mutation Strategy for Genetic Algorithms

UYAR A. Ş., SARIEL S., ERYİĞİT G.

in: Gecco 2004 Lecture Notes in Computer Science Volume 3103, Kalyanmoy Deb, Editor, Springer-Verlag, pp.271-281, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **Incorporating Dropped Pronouns into Coreference Resolution: The case for Turkish**
Arslan T. P., Eryiğit G.
17th Conference of the European Chapter of the Association for Computational Linguistics, EACL 2023 - Student Research Workshop, SRW 2023, Dubrovnik, Croatia, 2 - 04 May 2023, pp.14-25
- II. **Towards Automatic Grammatical Error Type Classification for Turkish**
Uz H., Eryiğit G.
17th Conference of the European Chapter of the Association for Computational Linguistics, EACL 2023 - Student Research Workshop, SRW 2023, Dubrovnik, Croatia, 2 - 04 May 2023, pp.134-142
- III. **Long Form Question Answering Dataset Creation for Business Use Cases using Noise-Added Siamese-BERT**
Çekiç T., Manav Y., Helvacioğlu B., dündar e. b., Deniz O., ERYİĞİT G.
Proceedings of the 14th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, Valletta, Malta, 24 - 27 October 2022
- IV. **The Impact of Pre-trained Language Models on Turkish Semantic Role Labelling**
Oral E., ERYİĞİT G.
Signal Processing and Communications Applications Conference, Safranbolu, Turkey, 15 - 19 May 2022
- V. **AMR Alignment for Morphologically-rich and Pro-drop Languages**
Oral E., Eryiğit G.
60th Annual Meeting of the Association-for-Computational-Linguistics (ACL), Dublin, Ireland, 22 - 27 May 2022, pp.143-152
- VI. **Towards a Multilingual Platform for Gamified Morphology Learning**
Bektaş F., Dereli B., Hayta F., Sahin E., Ali U., Eryiğit G.
7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Turkey, 14 - 16 September 2022, pp.222-227
- VII. **The Impact of Pre-trained Language Models on Turkish Semantic Role Labelling Ön eğitimli Dil Modellerinin Türkçenin Anlamsal Görev Çözümlemesine Etkisi**
Oral E., Eryiğit G.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- VIII. **Classifying Turkish Trade Registry Gazette Announcements**
Demirtas I. N., Arslan S., Eryigit G.
7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Turkey, 14 - 16 September 2022, pp.204-209
- IX. **Evaluation of wizard-of-Oz and self-play data collection techniques for turkish goal-oriented dialogue agents**
Arslan D., Eryiğit G.
2021 International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, Kocaeli, Turkey, 25 - 27 August 2021
- X. **Development of Goal-Oriented Dialogue Systems for Customer Services in Automotive Industry**
Tuncer M., Bilici M. F., ERYİĞİT G.
International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Kocaeli, Turkey, 25 August 2021
- XI. **Substituto-A Synchronous Educational Language Game for Simultaneous Teaching and**

Crowdsourcing

Araneta M. G., ERYİĞİT G., Lyding V., Luis A., Nicolas L., Rodosthenous C., Sangati F., König A., Lee, J.
Proceedings of the 9th Workshop on NLP for Computer Assisted Language Learning, Sweden, 22 - 25 November 2020

- XII. **Constructing Multimodal Language Learner Texts Using {LARA}: Experiences with Nine Languages**
Akhlaghi E., Bedi B., Bektaş F., Berthelsen H., Butterweck M., Chua C., Cucchiarin C., ERYİĞİT G., Gerlach J., Habibi H., et al.
12th Language Resources and Evaluation Conference, Marseille, France, 13 - 15 May 2020
- XIII. **Preliminary Investigation on Using Semi-Supervised Contextual Word Sense Disambiguation for Data Augmentation**
Torunoglu-Selamet D., İnceoğlu A., Eryiğit G.
5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Turkey, 9 - 11 September 2020, pp.337-342
- XIV. **A Semi-Automatic Annotation Interface for Named Entity and Relation Annotation on Document Images**
akpınar m. y., oral b., engin d., emeklgil e., arslan s., ERYİĞİT G.
2019 4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, Turkey, 11 - 15 September 2019
- XV. **Extracting Complex Relations from Banking Documents**
Berke O., Emekligil E., Arslan S., ERYİĞİT G.
Proceedings of the Second Workshop on Economics and Natural Language Processing, Hong Kong, China, 3 - 07 November 2019
- XVI. **Towards Turkish Abstract Meaning Representation**
Azin Z., Eryiğit G.
57th Annual Meeting of the Association-for-Computational-Linguistics (ACL), Florence, Italy, 28 July - 02 August 2019, pp.43-47
- XVII. **Detecting code-switching between Turkish-English language pair**
Yirmibeşoğlu Z., ERYİĞİT G.
Proceedings of the 2018 EMNLP Workshop W-NUT: The 4th Workshop on Noisy User-generated Text, brüksel, Belgium, 31 October - 04 November 2018, pp.110-115
- XVIII. **Turkish Coreference Resolution**
Pamay T., Eryiğit G.
IEEE (SMC) International Conference on Innovations in Intelligent Systems and Applications (INISTA), Thessaloniki, Greece, 3 - 05 July 2018
- XIX. **SemEval 2016 Task 5 Aspect Based Sentiment Analysis**
Pontiki M., Galanis D., Papageorgiou H., Androutsopoulos I., Manandhar S., ALSmadi M., Mahmoud A., Yanyan Z., Qin B., De Clercq O., et al.
10th International Workshop on Semantic Evaluation (SemEval-2016), San Diego, United States Of America, 16 - 17 June 2016, pp.19-30
- XX. **IMST A revisited Turkish dependency treebank**
SULUBACAK U., PAMAY T., ERYİĞİT G.
International Conference on Intelligent Text Processing and Computational Linguistics CICLING 2016 at TURCLING workshop, Konya, Turkey, 3 - 09 April 2016, pp.1-6
- XXI. **Exploring Spelling Correction Approaches for Turkish**
Torunoğlu Selamet D., Bekar E., İlbay T., Eryiğit G.
Proceedings of The First International Conference on Turkic Computational Linguistics TurCLing 2016 In conjunction with CICLing 2016, the 17th International Conference on Intelligent Text Processing and Computational Linguistics, Konya, Turkey, 25 - 30 April 2016, pp.7-11
- XXII. **Simplification of Turkish Sentences**
Torunoğlu Selamet D., Pamay T., Eryiğit G.
Proceedings of The First International Conference on Turkic Computational Linguistics TurCLing 2016 In

conjunction with CICLing 2016, the 17th International Conference on Intelligent Text Processing and Computational Linguistics, Konya, Turkey, 25 - 30 April 2016, pp.55-59

- XXIII. **Türk İşaret Dili sözlüklerinin çevrimiçi ortamda birleştirilmesi çalışmaları**
eryiğit c., ÖZKUL A., karabüklü s., TORUNOĞLU SELAMET D., KÖSE H., ERYİĞİT G., KELEPİR WOOD M., özsoy s.
29. Ulusal Dilbilim Kurultayı, Kocaeli, Turkey, 21 - 22 May 2015, vol.1, pp.155-161
- XXIV. **A revisited Turkish Dependency Treebank**
Sulubacak U., Pamay T., Eryiğit G.
The 1st International Conference on Turkic Computational Linguistics (TurCLing), Konya, Turkey, 3 - 09 April 2016, pp.1-6
- XXV. **Turkish Natural Language Processing and ITU Turkish NLP Pipeline**
ERYİĞİT G.
Workshop on Natural Language Processing Tools Universal Dependencies Implementation for Turkish, Uppsala, Sweden, 26 - 27 November 2015
- XXVI. **Natural Language Processing and Electronic Dictionaries**
ERYİĞİT G.
II. International Lexicography Symposium: Electronic Dictionaries, İstanbul, Turkey, 3 - 04 November 2015
- XXVII. **The Annotation Process of the ITU Web Treebank**
Pamay T., Sulubacak U., Torunoğlu Selamet D., Eryiğit G.
The 9th Linguistic Annotation Workshop at NACCL, Colorado, United States Of America, 25 - 30 May 2015, pp.1-5
- XXVIII. **Türk İşaret Dili sözcüklerinin çevrimiçi ortamda birleştirilmesi çalışmaları**
Eryiğit C., Karabüklü S., ÖZKUL A., TORUNOĞLU SELAMET D., KÖSE H., ERYİĞİT G., KELEPİR WOOD M., Özsoy S.
29. Ulusal Dilbilim Kurultayı, Turkey, 21 - 23 May 2015
- XXIX. **Parsing Web2 0 Language and Sentiment Analysis The case of Turkish**
ERYİĞİT G.
Emotion and Sentiment in Social and Expressive Media: opportunities and challenges for emotion-aware multi agent systems ESSEM@AAMAS 2015, İstanbul, Turkey, 05 May 2015
- XXX. **Türk İşaret dili sözlüklerinin Çevrimiçi ortamda birleştirilmesi Çalışmaları**
Eryiğit C., Karabüklü S., Özkul A., Torunoğlu Selamet D., Köse H., Eryiğit G., KELEPİR M.
In Proceedings of the 29th Turkish National Linguistics Conference, Kocaeli, Turkey, 1 - 02 May 2015, pp.155-161
- XXXI. **Vowel and Diacritic Restoration for Social Media Texts**
Adalı K., Eryiğit G.
5th Workshop on Language Analysis for Social Media (LASM) at EAACL, Gothenburg, Sweden, 1 - 02 April 2015
- XXXII. **ITU Turkish Natural Language Processing Studies 2000 2014**
ERYİĞİT G.
The International Conference on Turkic Language Processing, İstanbul, Turkey, 07 November 2014
- XXXIII. **ITU Validation Set for Metu-Sabancı Turkish Treebank**
Pamay T., Eryiğit G.
Proceedings of the TURKLANG'14 International Conference on Turkic Language Processing, Konya, Turkey, 6 - 07 November 2014, pp.103-106
- XXXIV. **A Cascaded Approach for Social Media Text Normalization of Turkish**
Torunoğlu Selamet D., Eryiğit G.
European Chapter of the Association for Computational Linguistics, Göteborg, Sweden, 25 - 30 April 2014, pp.1-5
- XXXV. **Named Entity Recognition on Real Data: A Preliminary Investigation for Turkish**
CELİKKAYA G., Torunoglu D., Eryiğit G.
7th International Conference on Application of Information and Communication Technologies (AICT), Baku, Azerbaijan, 23 - 25 October 2013, pp.154-158
- XXXVI. **Representation of Morphosyntactic Units and Coordination Structures in the Turkish Dependency Treebank**
Sulubacak U., Eryiğit G.
In Proceedings of the SPMRL 2013 (4th Workshop on Statistical Parsing of Morphologically Rich Languages), EMNLP 2013, Seattle, United States Of America, 18 - 21 October 2013

- XXXVII. **TURKSENT A Sentiment Annotation Tool for Social Media**
 ERYİĞİT G., Çetin F. S., Yanık M., Temel T., ÇİÇEKLİ İ.
 In Proceedings of the 7th Linguistic Annotation Workshop Interoperability with Discourse, Sofya, Bulgaria, 4 - 09 August 2013, pp.131-134
- XXXVIII. **Disambiguating Main POS tags for Turkish**
 EHSANİ R., Alper M. E., ERYİĞİT G.
 In Proceedings of the 24th Conference on Computational Linguistics and Speech Processing (ROCLING 2012), Chungli, Taiwan, 21 - 22 September 2012, pp.202-2013
- XXXIX. **Word Alignment for English-Turkish Language Pair**
 Cakmak M. T., Acar S., Eryiğit G.
 8th International Conference on Language Resources and Evaluation (LREC), İstanbul, Turkey, 21 - 27 May 2012, pp.2177-2180
- XL. **The Impact of Automatic Morphological Analysis & Disambiguation on Dependency Parsing of Turkish**
 Eryiğit G.
 8th International Conference on Language Resources and Evaluation (LREC), İstanbul, Turkey, 21 - 27 May 2012, pp.1960-1965
- XLI. **The Impact of Automatic Morphological Analysis & Disambiguation on Dependency Parsing of Turkish.**
 Eryiğit G.
 In Proceedings of the Eighth International Conference on Language Resources and Evaluation, LREC 2012, İstanbul, Turkey, 23 - 25 May 2012
- XLII. **Multiword Expressions in Statistical Dependency Parsing**
 ERYİĞİT G., İlbay T., Can O. A.
 In Proceedings of the Workshop on Statistical Parsing of Morphologically-Rich Languages SPRML at IWPT (12th International Conference on Parsing Technologies), Dublin, Ireland, 5 - 07 October 2011, pp.45-55
- XLIII. **Natural Language Processing Morphological Analysis**
 ERYİĞİT G.
 Koç Üniversitesi Bilgisayar Mühendisliği Seminerleri, İstanbul, Turkey, 23 February 2010
- XLIV. **Single malt or blended a study in multilingual parser optimization**
 Hall J., Nillson J., Nivre J., ERYİĞİT G., Megyesi B., Nilsson M., Saers M.
 In Proceedings of the 11th Conference on Computational Natural Language Learning (CoNLL-XI), Prague, Czech Republic, 28 - 30 June 2007, pp.933-939
- XLV. **ITU Treebank Annotation Tool**
 ERYİĞİT G.
 In Proceedings of the Linguistic Annotation Workshop at ACL 2007, Prague, Czech Republic, 24 - 30 June 2007, pp.117-120
- XLVI. **The incremental use of morphological information and lexicalization in data-driven dependency parsing**
 Eryiğit G., Nivre J., Oflazer K.
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- XLVII. **Performance Analysis of Naïve Bayes Classification Support Vector Machines and Neural Networks for Spam Categorization**
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- XLVIII. **Türkçe cümlelerin kural tabanlı bağlılık analizi**
 ERYİĞİT G., Oflazer K., Adalı E.
 In Proceedings of the 15th Turkish Symposium on Artificial Intelligence and Neural Networks, İstanbul, Turkey, 21 - 24 June 2006, pp.17-24
- XLIX. **Labeled pseudo projective dependency parsing with support vector machines**

Nivre J., Hall J., Nilsson J., ERYİĞİT G., Marinov S.

In Proceedings of the 10th Conference on Computational Natural Language Learning (CoNLL-X), New York, United States Of America, 8 - 09 June 2006, pp.221-225

- L. **Turkish Dependency Parsing**
ERYİĞİT G.
Boğaziçi Üniversitesi Bilgisayar Mühendisliği Seminerleri, İstanbul, Turkey, 24 April 2007 - 24 May 2006
- LI. **Dependency Parsing of Turkish**
ERYİĞİT G.
Minisymposium Computational aspects of building an annotated Swedish-Turkish parallel corpus, Uppsala, Sweden, 4 - 05 May 2006
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Supported Projects

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Eryiğit G., Pamay Arslan T., Project Supported by Higher Education Institutions, Uçtan Uca Derin Öğrenme Yaklaşımlarıyla Türkçe Eşgönderge Çözümlemesi, 2022 - Continues

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Metrics

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H-Index (WoS): 8

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Non Academic Experience

Doğuş Teknoloji - Arge Merkezi

Vodafone Teknoloji

Yapı Kredi Teknoloji

Turkcell Global Bilgi Çağrı Merkezi

NTENT - a leader Semantic Search Company in US

Intertech

Ericsson

VXU (Växjö University) School of Mathematics and Systems Engineering

Garanti Teknoloji