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Education

PhD, Department of Computer Engineering, Bilkent University, Ankara, Turkey, August 2000.

MSc, Department of Computer Engineering and Information Science, Bilkent University, Ankara, Turkey, July 1996.

BSc, Department of Computer Engineering, Middle East Technical University, Ankara, Turkey, June 1994.

Employment

January 2006 - today: **International Computer Science Institute**, Berkeley, CA
 Senior Researcher

February 2001 - December 2005: **AT&T Labs-Research**, Florham Park, NJ
 Voice Enabled Services Lab,
 Senior Technical Staff Member

October 2000 - January 2001: **Sabancı University**, Istanbul, TURKEY
 Faculty of Engineering and Natural Sciences
 Post Doctoral Fellow

September 1994 - September 2000: **Bilkent University**, Ankara, TURKEY
 Department of Computer Engineering and Information Sciences,
 Research and Teaching Assistant

July 1998 - July 1999: **SRI International**, Menlo Park, CA
 Speech Technology and Research Laboratory
 International Fellow

October 1997 - July 1998: **Johns Hopkins University**, Baltimore, MD
 Department of Computer Science
 Center for Language and Speech Processing
 Visiting Scientist

June 1997 - September 1997: **Carnegie Mellon University**, Pittsburgh, PA
 School of Computer Science
 Language Technologies Institute (previously Center for Machine Translation)
 Visiting Scholar

June 1993 - July 1993: **Otosan A.S.**, Istanbul, TURKEY
 Computer Center
 Summer Intern

July 1992 - August 1992: **Ege University**, Izmir, TURKEY
 Computer Research and Application Center
 Summer Intern

Research Interests

- Natural Language and Speech Processing
- Statistical Language Modeling
- Spoken Dialog Systems
- Machine Learning of Natural Language Processing
- Information Extraction and Retrieval
- Machine Translation

Professional Activities

Academic Activities

- Interspeech 2007, The Ninth International Conference on Spoken Language Processing, reviewer
- NSF Panelist, 2007
- NAACL-HLT 2007 workshop on Bridging the Gap: Academic and Industrial Research in Dialogue Technologies, Program Committee Member
- NAACL-HLT 2007, Human Language Technologies: The Annual Conference of the North American Chapter of the Association for Computational Linguistics, reviewer, publicity chair (speech)
- ICASSP 2007, IEEE International Conference on Acoustics, Speech, and Signal Processing, reviewer
- IEEE/ACL 2006 Workshop on Spoken Language Technologies (SLT), demo session co-chair, program committee member.
- Interspeech 2006, The Ninth International Conference on Spoken Language Processing, reviewer, and Spoken Dialog Systems Area Chair
- ICASSP 2006, IEEE International Conference on Acoustics, Speech, and Signal Processing, reviewer
- IEEE Transactions on Speech and Audio Processing, Associate Editor, 2005-2007
- ASRU 2005, IEEE Automatic Speech Recognition and Understanding Workshop, reviewer and publications chair
- HLT-EMNLP 2005, Human Language Technology Conference and Conference on Empirical Methods in Natural Language Processing, reviewer
- Journal of Speech Communication, Special Issue on Spoken Language Understanding, guest editor
- AAAI 2005, Workshop on Spoken Language Understanding, co-chair
- IEEE Automatic Speech Recognition and Understanding (ASRU-2005) Workshop, reviewer and publications chair
- ICASSP 2005, IEEE International Conference on Acoustics, Speech, and Signal Processing, reviewer
- ICSLP 2004, Eighth International Conference on Spoken Language Processing, program committee member
- ICSLP 2004, Eighth International Conference on Spoken Language Processing, Special Session: "Towards Adaptive Machines: Active and Unsupervised Learning", organizer
- ACL 2004, 42nd Meeting of the ACL, program committee member
- HLT/NAACL 2004, Human Language Technology Conference / North American Chapter of the Association for Computational Linguistics annual meeting, program committee member
- HLT/NAACL 2004 Workshop on Spoken Language Understanding for Conversational Systems, co-chair
- ISCIS 2003, 18th International Symposium on Computer and Information Sciences, program committee member
- ICSLP 2002, Seventh International Conference on Spoken Language Processing, Special Session on Call Classification and Routing, program committee member

- NAACL 2001, Second Meeting of the North American Chapter of the Association for Computational Linguistics, program committee member
- NEMLAP-2, 2nd International Conference on New Methods in Language Processing, local organization committee member
- Reviewed papers for the Natural Language Engineering Journal, Journal of Speech Communication, Journal of Artificial Intelligence Research (JAIR), Journal of Computational Linguistics and Chinese Language Processing, IEEE Transactions on Speech and Audio Processing, Computer Speech and Language Journal.

Professional Societies

- Member, IEEE.
- Member, IEEE Signal Processing Society.
- Member, ACL (The Association for Computational Linguistics).
- Member, ISCA (International Speech Communication Association).

Honors

- AT&T Software Excellence Award, "How May I Help You?" ACS Customer Care System, 2002.
- SRI International, Speech Technology and Research Lab, International Fellowship for 1 year, June 1998 - June 1999.
- Johns Hopkins University, Center for Language and Speech Processing, Research Assistantship for 3 months, March 1998 - June 1998.
- Turkish Scientific and Technical Research Council (TUBITAK), NATO A-2 Scholarship for visiting Johns Hopkins University for 6 months, September 1997 - March 1998.
- Bilkent University, Department of Computer Engineering, Full Scholarship for graduate education between 1994 and 2000.
- TUBITAK (Turkish Science and Research Council) Award in Mathematics Contest in Central Anatolia Region, 1990.

Presentations

Tutorials

- *Adaptive Learning: From Supervised to Active Learning of Statistical Models for Natural Language and Speech Processing*. ACL'04, 42nd Meeting of the Association for Computational Linguistics, Barcelona, Spain, July 21, 2004. (with Giuseppe Riccardi and Gokhan Tur)
- *Adaptive Learning: Technology and Challenges for Automatic Speech Recognition and Spoken Language Understanding*. EUROSPEECH'03, 8th European Conference on Speech Communication and Technology, Geneva, Switzerland, August 31, 2003. (with Giuseppe Riccardi and Gokhan Tur)

Invited Talks

- *Beyond ASR 1-BEST: Using Word Confusion Networks In Spoken Language Understanding*. NYC NLP Forum, New York University, New York, May 14, 2004.
- *Natural Language and Speech Processing*. Faculty of Engineering and Natural Sciences, Sabanci University, Istanbul, Turkey, August 6, 2000.
- *Statistical Language Modeling for Turkish*. IBM TJ Watson Research Center, Yorktown Heights, New York, July 10, 2000.
- *Natural Language and Speech Processing*. College of Engineering, Koc University, Istanbul, Turkey. July 18, 2000.

Publications

Theses

1. Dilek Zeynep Hakkani-Tür. *Statistical Language Modeling for Agglutinative Languages*. Ph.D. Thesis, Department of Computer Engineering, Bilkent University, August 2000, Ankara, Turkey.
2. Dilek Zeynep Hakkani. *Design and Implementation of a Wide-coverage Tactical Generator for Turkish, a Free Constituent Order Language*. M.Sc. Thesis, Department of Computer Engineering and Information Science, Bilkent University, July 1996, Ankara, Turkey (Also available as Bilkent University, Computer Engineering and Information Science Technical Report BU-CEIS-9614, July 1996).

Journal Papers

1. Dilek Hakkani-Tür, Giuseppe Riccardi, and Gokhan Tur. *An active approach to Spoken Language Processing*. To appear in ACM transactions on Speech and Language Processing.
2. Dilek Hakkani-Tür, Frederic Bechet, Giuseppe Riccardi, and Gokhan Tur, *Beyond ASR 1-Best: Using Word Confusion Networks in Spoken Language Understanding*. To appear in the Journal of Computer Speech and Language.
3. Narendra Gupta, Gokhan Tur, Dilek Hakkani-Tür, Srinivas Bangalore, Giuseppe Riccardi, and Mazin Rahim. *The AT&T Spoken Language Understanding System*. To appear in the IEEE Transactions on Speech and Audio Processing, 2005.
4. Gokhan Tur, Dilek Hakkani-Tür, Robert E. Schapire. *Combining Active and Semi-Supervised Learning for Spoken Language Understanding*. To appear in the Journal of Speech Communication, 2005.
5. Giuseppe Riccardi and Dilek Hakkani-Tür. *Active Learning: Theory and Applications to Automatic Speech Recognition*. To appear in IEEE Transactions on Speech and Audio Processing, 2004.
6. Frederic Bechet, Jerry Wright, Allen Gorin, and Dilek Hakkani-Tür. *Detecting and Extracting Named Entities from spontaneous speech in a mixed initiative spoken dialogue context: How May I Help You?*. In the Speech Communication journal, Volume:42, Issue:2, February 2004.
7. Gökhan Tür, Dilek Hakkani-Tür, Kemal Oflazer. *A Statistical Information Extraction System for Turkish*. In the Journal of Natural Language Engineering, Volume 9, No: 2, pp: 181-210, 2003.
8. Dilek Hakkani-Tür, Kemal Oflazer, Gökhan Tür. *Statistical Morphological Disambiguation for Agglutinative Languages*. In the Journal of Computers and Humanities, Volume 36, No. 4, 2002.
9. Elizabeth Shriberg, Andreas Stolcke, Dilek Hakkani-Tür, Gökhan Tür. *Prosody Modeling for Automatic Topic and Sentence Segmentation from Speech*. In T. Robinson and S. Renals (Eds.) Special Issue on Accessing Information in Spoken Audio. Speech Communication, Volume 32, Nos. 1-2, September 2000.
10. Gökhan Tür, Dilek Hakkani-Tür, Andreas Stolcke, Elizabeth Shriberg. *Integrating Prosodic and Lexical Cues for Automatic Topic Segmentation*. In the Journal of Computational Linguistics, Volume 27, No: 1, March 2001.
11. Ze'ev Rivlin, Robert Bolles, Douglas Appelt, Adam Cheyer, Dilek Hakkani-Tür, David Israel, Luc Julia, David Martin, Greg Myers, Ken Nitz, Bikash Sabata, Ananth Sankar, Elizabeth Shriberg, Kemal Sönmez, Andreas Stolcke, Gökhan Tür. *MAESTRO: Conductor of Multimedia Analysis Technologies*. Invited paper to the Communications of the ACM, Volume 43, No: 2, February, 2000.
12. Dilek Zeynep Hakkani and Kemal Oflazer. *Tactical Generation in a Free Constituent Order Language*. In

Journal of Natural Language Engineering, Cambridge University Press, Volume 4, No: 2, June 1998.

Book Chapters

1. Dilek Hakkani-Tür, Gokhan Tur, Yucel Saygin, Min Tang. *Document Sanitization in the Age of Data Mining*, Chapter in *Privacy and Technologies of Identity: A Cross-Disciplinary Conversation*, Katherine J. Strandburg, Daniela Stan Raicu (Eds.), Springer-Verlag, New York, 2005.
2. Yucel Saygin, Dilek Hakkani-Tür, Gokhan Tur. *Sanitization and Anonymization of Document Repositories* Chapter in *Web and Information Security*, Elena Ferrari and Bhavani Thuraisingham (Eds.), Idea Group Inc. Publishers, To be published in 2005.
3. Kemal Oflazer, Bilge Say, Dilek Zeynep Hakkani-Tür, Gökhan Tür. *Building a Turkish Treebank*. Chapter in *Building and Using Parsed Corpora*, Anne Abeille Editor, Kluwer Academic Publishers, September 2003.

Demos

1. Svetlana Stenichikova, Dilek Hakkani-Tür, Gokhan Tur, QASR: Spoken Question Answering Using Semantic Role Labeling. At ASRU-2005, 9th biannual IEEE workshop on Automatic Speech Recognition and Understanding, Cancun, Mexico, December, 2005.

Refereed Conference and Workshop Papers

1. Dilek Hakkani-Tür and Gokhan Tur. *Statistical Sentence Extraction for Information Distillation*. In the proceedings of ICASSP-2007, IEEE International Conference on Acoustics, Speech, and Signal Processing, Honolulu HI, April, 2007.
2. Mathew Magimai Doss, Dilek Hakkani-Tür, Ozgur Cetin, Elizabeth Shriberg, James Fung and Nikki Mirghafori. *Entropy Based Classifier Combination for Sentence Segmentation*. In the proceedings of ICASSP-2007, IEEE International Conference on Acoustics, Speech, and Signal Processing, Honolulu HI, April, 2007.
3. Gokhan Tur, Umit Guz, Dilek Hakkani-Tür. *Model Adaptation for Dialog Act Tagging*. IEEE 2006 Workshop on Spoken Language Technology, Aruba, December 2006.
4. Sebastien Cuendet, Dilek Hakkani-Tür, Gokhan Tur. *Model Adaptation for Sentence Segmentation from Speech*. IEEE 2006 Workshop on Spoken Language Technology, Aruba, December 2006.
5. Dustin Hillard, Zhongqiang Huang, Heng Ji, Ralph Grishman, Dilek Hakkani-Tür, Mary Harper, Mari Ostendorf, Wen Wang. *Impact of Automatic Comma Prediction on POS/Name Tagging of Speech*. IEEE 2006 Workshop on Spoken Language Technology, Aruba, December 2006.
6. Giovanni Andreani, Giuseppe Di Fabbrizio, Mazin Gilbert, Dan Gillick, Dilek Hakkani-Tür, Oliver Lemon. *Let's DiSCoH: Collecting an Annotated Open Corpus with Dialogue Acts and Reward Signals for Natural Language Helpdesks*. IEEE 2006 Workshop on Spoken Language Technology, Aruba, December 2006.
7. Matthias Zimmermann, Dilek Hakkani-Tür, James Fung, Nikki Mirghafori, Luke Gottlieb, Yang Liu, and Elizaneth Shriberg. *The ICSI+ Multi-Lingual Sentence Segmentation System*. In the Proceedings of International Conference on Spoken Language Processing (Interspeech 2006). Pittsburgh, PA. September 2006.
8. Svetlana Stenichikova, Dilek Hakkani-Tür, and Gokhan Tur. *QASR: Question Answering Using Semantic Roles for Speech Interface*. In the Proceedings of International Conference on Spoken Language Processing (Interspeech 2006). Pittsburgh, PA. September 2006.
9. Matthias Zimmermann, Dilek Hakkani-Tür, Elizabeth Shriberg, and Andreas Stolcke. *Text based Dialog Act*

- Classification for Multiparty Meetings*. In the Proceedings of 3rd Joint Workshop on Multimodal Interaction and Related Machine Learning Algorithms (MLMI-06). Washington DC, May 2006.
10. Dilek Hakkani-Tür and Mazin Gilbert, *Bootstrapping Language Models for Spoken Dialog Systems from the World Wide Web*. In the Proceedings of ICASSP-2006, IEEE International Conference on Acoustics, Speech, and Signal Processing, Toulouse, France, May 2006.
 11. Junlan Feng, Dilek Hakkani-Tür, Giuseppe Di Fabrizio, Mazin Gilbert, and Mark Beutnagel, *WebTalk: Towards Automatically Building Spoken Dialog Systems through Mining Websites*. In the Proceedings of ICASSP-2006, IEEE International Conference on Acoustics, Speech, and Signal Processing, Toulouse, France, May 2006.
 12. Mercan Topkara, Giuseppe Riccardi, Dilek Hakkani-Tür, Mike J. Atallah, *Natural Language Watermarking: Research Challenges and Applications*. In the Proceedings of the SPIE Conference, San Diego, January, 2006.
 13. Gokhan Tur, Dilek Hakkani-Tür, Ananlada Chotimongkol, *Semi-Supervised Learning for Spoken Language Understanding Using Semantic Role Labeling*. In the proceedings of ASRU-2005, 9th biannual IEEE workshop on Automatic Speech Recognition and Understanding, Puerto Rico, December, 2005.
 14. Giuseppe Riccardi, Dilek Hakkani-Tür, *Grounding Emotions in Human-Machine Conversational Systems*. In the Proceedings of Intelligent Technologies for Interactive Entertainment, First International Conference, INTETAIN 2005, Madonna di Campiglio, Italy, December, 2005 (also in Lecture Notes in Computer Science 3814 Springer, 2005, p. 144-154).
 15. Jackson Liscombe, Giuseppe Riccardi, Dilek Hakkani-Tür, *Using Context to Improve Emotion Detection in Spoken Dialog Systems*. In the Proceedings of EUROSPEECH'05, 9th European Conference on Speech Communication and Technology, Lisbon, Portugal, September, 2005.
 16. Giuseppe Di Fabrizio, Gokhan Tur, Dilek Hakkani-Tür, *Automated Wizard-of-Oz for Spoken Dialogue Systems*. In the Proceedings of EUROSPEECH'05, 9th European Conference on Speech Communication and Technology, Lisbon, Portugal, September, 2005.
 17. Dilek Hakkani-Tür, Gokhan Tur, Ananlada Chotimongkol, *Using Syntactic and Semantic Graphs for Call Classification*. In the Proceedings of the Workshop on Feature Engineering for Machine Learning in Natural Language Processing at ACL'05, 43rd Annual Meeting of the Association for Computational Linguistics, Ann Arbor, MI, June 2005.
 18. Dilek Hakkani-Tür, Gokhan Tur, Giuseppe Riccardi and Hong Kook Kim. *Error Prediction in Spoken Dialog: From Signal-to-Noise Ratio to Semantic Confidence Scores*. In the Proceedings of ICASSP-2005, IEEE International Conference on Acoustics, Speech, and Signal Processing, Philadelphia, USA, March, 2005.
 19. Vincent Goffin, Cyril Allauzen, Enrico Bocchieri, Dilek Hakkani-Tür, Andrej Ljolje, Sarangarajan Parthasarathy, Mazin Rahim, Giuseppe Riccardi and Murat Saraclar. *The AT&T Watson Speech Recognizer*. In the Proceedings of ICASSP-2005, IEEE International Conference on Acoustics, Speech, and Signal Processing, Philadelphia, USA, March, 2005.
 20. Min Tang, Dilek Hakkani-Tür, and Gokhan Tur. *Preserving Privacy in Spoken Language Databases*. In the proceedings of International Workshop on Privacy and Security Issues in Data Mining at ECML/PKDD, The 15th European Conference on Machine Learning and the 8th European Conference on Principles and Practice of Knowledge Discovery in Databases, Pisa, Italy, September, 2004.
 21. Frederic Bechet, Giuseppe Riccardi and Dilek Hakkani-Tür. *Mining Spoken Dialog Corpora for System Evaluation and Modeling*. In the Proceedings of the 2004 Conference on Empirical Methods in Natural Language Processing (EMNLP 2004), Barcelona, Spain, July, 2004.
 22. Giuseppe Di Fabrizio, Gokhan Tur, Dilek Hakkani-Tür. *Bootstrapping Spoken Dialog Systems with Data Reuse*. To appear in the proceedings of SIGDIAL-2004, 5th SIGdial Workshop on Discourse and Dialogue,

Boston, MA, May, 2004.

23. Dilek Hakkani-Tür, Gokhan Tur, Mazin Rahim, Giuseppe Riccardi. *Unsupervised and Active Learning in Automatic Speech Recognition for Call Classification*. To appear in the Proceedings of ICASSP-2004, IEEE International Conference on Acoustics, Speech, and Signal Processing, Montreal, Canada, May, 2004.
24. Gokhan Tur, Dilek Hakkani-Tür, Giuseppe Riccardi. *Extending Boosting for Call Classification Using Word Confusion Networks*. To appear in the Proceedings of ICASSP-2004, IEEE International Conference on Acoustics, Speech, and Signal Processing, Montreal, Canada, May, 2004.
25. Mercan Karahan, Dilek Hakkani-Tür, Giuseppe Riccardi, Gokhan Tur. *Combining Classifiers for Spoken Language Understanding*. To appear in the proceedings of ASRU-2003, 8th biannual IEEE workshop on Automatic Speech Recognition and Understanding, U.S. Virgin Islands, November 30 - December 3, 2003.
26. Gökhan Tür and Dilek Hakkani-Tür. *Exploiting Unlabeled Utterances for Spoken Language Understanding*. In the Proceedings of EUROSPEECH 2003, 8th European Conference on Speech Communication and Technology, Geneva, September 2003.
27. Giuseppe Riccardi and Dilek Hakkani-Tür. *Active and Unsupervised Learning for Automatic Speech Recognition*. In the Proceedings of EUROSPEECH 2003, 8th European Conference on Speech Communication and Technology, Geneva, September 2003.
28. Gökhan Tür, Mazin Rahim, and Dilek Hakkani-Tür. *Active Labeling for Spoken Language Understanding*. In the Proceedings of EUROSPEECH 2003, 8th European Conference on Speech Communication and Technology, Geneva, September 2003.
29. Frederic Bechet, Giuseppe Riccardi, and Dilek Hakkani-Tür. *Multi-channel Sentence Classification for Spoken Dialogue Language Modeling*. In the Proceedings of EUROSPEECH 2003, 8th European Conference on Speech Communication and Technology, Geneva, September 2003.
30. Dilek Hakkani-Tür and Giuseppe Riccardi. *A General algorithm for Word Graph Matrix Decomposition*. In the Proceedings of ICASSP-2003, International Conference on Acoustics, Speech, and Signal Processing, Hong Kong, April, 2003.
31. Gokhan Tur, Robert E. Schapire and Dilek Hakkani-Tür. *Active Learning for Spoken Language Understanding*. In the Proceedings of ICASSP-2003, International Conference on Acoustics, Speech, and Signal Processing, Hong Kong, April, 2003.
32. Gökhan Tür, Jerry Wright, Allen Gorin, Giuseppe Riccardi, and Dilek Hakkani-Tür. *Improving Spoken Language Understanding using Word Confusion Networks*. In the Proceedings of the 7th International Conference on Spoken Language Processing (ICSLP 2002), September 2002.
33. Frederic Bechet, Jerry Wright, Allen Gorin, and Dilek Hakkani-Tür. *Named Entity Extraction from Spontaneous Speech in How May I Help You?*. In the Proceedings of the 7th International Conference on Spoken Language Processing (ICSLP 2002), September 2002.
34. Dilek Hakkani-Tür, Giuseppe Riccardi, Allen Gorin. *Active Learning for Automatic Speech Recognition*. In the Proceedings of International Conference on Acoustics, Speech and Signal Processing (ICASSP 2002), May, 2002.
35. Dilek Hakkani-Tür, Kemal Oflazer, Gökhan Tür. *Statistical Morphological Disambiguation for Agglutinative Languages*. In Proceedings of the 18th International Conference on Computational Linguistics (COLING 2000), August, 2000.
36. Oflazer, K., Say, B. and Hakkani-Tür, D. *A syntactic annotation scheme for Turkish*. In the Proceedings of 10th International Conf. Turkish Linguistics (ICTL-2000), Aug. 2000.

37. Gökhan Tür, Dilek Hakkani-Tür, Kemal Oflazer, *Name Tagging Using Lexical, Contextual and Morphological Information*. In the Proceedings of the Workshop on Information Extraction Meets Corpus Linguistics at Second International Conference on Language Resources and Evaluation (LREC 2000), May 2000, Athens, Greece.
38. Dilek Hakkani-Tür, Gökhan Tür, Andreas Stolcke, Elizabeth Shriberg, *Combining Words and Prosody for Information Extraction from Speech*. In Proceedings of the 6th European Conference on Speech Communication and Technology (EUROSPEECH'99), September 1999, Budapest, Hungary.
39. Andreas Stolcke, Elizabeth Shriberg, Dilek Hakkani-Tür, Gökhan Tür, *Modeling the Prosody of Hidden Events for Improved Word Recognition*. In Proceedings of the 6th European Conference on Speech Communication and Technology (EUROSPEECH'99), September 1999, Budapest, Hungary.
40. Andreas Stolcke, Elizabeth Shriberg, Dilek Hakkani-Tür, Gökhan Tür, Ze'ev Rivlin, Kemal Sönmez, *Combining Words and Speech Prosody for Automatic Topic Segmentation*. In Proceedings of DARPA Broadcast News Transcription and Understanding Workshop, February 1999, Herndon, VA.
41. Kemal Oflazer, Dilek Zeynep Hakkani-Tür, Gökhan Tür, *Design for a Turkish Treebank*. In Proceedings of the Ninth Conference of the European Chapter of the Association for Computational Linguistics (EACL'99) Post-Conference Workshop on Linguistically Interpreted Corpora, June 12 1999, Bergen, Norway (Also available as Bilkent University, Computer Engineering and Information Science Technical Report BU-CEIS-9903, March 1999).
42. Ramana Rao Gadde, Elizabeth Shriberg, Andreas Stolcke, Dilek Hakkani-Tür, Gökhan Tür. *Prosody Modeling for Speech Recognition and Understanding*. In the proceedings of Hub-5 Conversational Speech Understanding Workshop, Baltimore, MD, June 10, 1999.
43. Andreas Stolcke, Elizabeth Shriberg, Rebecca Bates, Mari Ostendorf, Dilek Hakkani, Madelaine Plauch, Gökhan Tür, Yu Lu. *Automatic Detection of Sentence Boundaries and Disfluencies based on Recognized Words*. In Proceedings of the International Conference on Spoken Language Processing (ICSLP'98), November 30 - December 4, 1998, Sydney, Australia.
44. Dilek Zeynep Hakkani, Gökhan Tür, Teruko Mitamura, Eric H. Nyberg 3rd, and Kemal Oflazer, *Prototype Interlingua-Based MT System from English to Turkish*. In the Proceedings of Association for Machine Translation in the Americas (AMTA-98), October 1998, Langhorne, Pennsylvania. Also in the Springer Verlag Lecture Notes for Computer Science series.
45. Dilek Zeynep Hakkani. *Implementation of a Wide-coverage Tactical Generator for Turkish*. In the Proceedings of Student Session at European Summer School on Logic Language and Information (ESSLI'96), August 1996, Prague, Czech Republic.
46. Dilek Zeynep Hakkani, Kemal Oflazer, Ilyas Cicekli. *Tactical Generation in a Free Constituent Order Language*. In the Proceedings of 8th International Workshop on Natural Language Generation (INLG'96), June 1996, Sussex, UK (Also available as Bilkent University, Computer Engineering and Information Science Technical Report BU-CEIS-9602, March 1996).

Technical Reports

1. Dilek Z. Hakkani-Tür, Kemal Oflazer, Gökhan Tür. *Statistical Morphological Disambiguation for Agglutinative Languages*. Bilkent University, Computer Engineering, Technical Report BU-CE-0002, January 2000.
2. Gökhan Tür, Dilek Z. Hakkani-Tür, Kemal Oflazer. *Statistical Modeling of Turkish for Automatic Topic Segmentation*. Bilkent University, Computer Engineering, Technical Report BU-CE-0001, January 2000.
3. Dilek Zeynep Hakkani, Gökhan Tür, Teruko Mitamura, Eric H. Nyberg 3rd, Kemal Oflazer. *Issues in Generating Turkish from Interlingua*. Technical Report CMU-LTI-97-152. Carnegie Mellon University, Center

for Machine Translation, Pittsburgh, PA, September 1997.

Community Activities

- Mentor, Young Science Achievers Program (YSAP), 2003 and 2004.
- Judge, New York Academy of Sciences, Science and Engineering Fair, NY City, 2003.
- Library Committee Member, AT&T Shannon Library, January 2004-December 2005.

References available upon request.