

## Tilbe Göksun

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### EMPLOYMENT

- 2019 – present Associate Professor, Department of Psychology, Koç University, Istanbul – Turkey
- 2014 – 2019 Assistant Professor, Department of Psychology, Koç University, Istanbul – Turkey
- 2010 – 2013 Postdoctoral Researcher, Center for Cognitive Neuroscience  
Spatial Intelligence Learning Center, University of Pennsylvania, Philadelphia, PA  
*Advisor:* Anjan Chatterjee

### EDUCATION

- 2005 - 2010 Ph.D. in Developmental Psychology, Temple University, Philadelphia, PA  
*Advisor:* Kathy Hirsh-Pasek
- 2003 - 2005 M.A. in Developmental Psychology, Koç University, Istanbul, Turkey  
*Advisor:* Aylin Küntay
- 1997 - 2002 B.A. in Psychology, Boğaziçi University, Istanbul, Turkey

### RESEARCH INTERESTS

Event representation and language learning, language and thought, spatial understanding and language, causal understanding and language, neuropsychology of language, gesture and language

### RESEARCH GRANTS

#### Ongoing Research Grants

TUBA-GEBIP (Turkish Academy of Sciences Outstanding Young Scientist Award), “Spatial language, multimodal integration, and individual differences” (Role: PI, \$15.000) (2018-2021).

James S. McDonnell Scholar Award, “Event representation and relational language learning” (Role: PI, \$600.000) (2017-2023).

TUBITAK (The Scientific and Technological Research Council of Turkey) 1005 Project, “An embedded user interface for kitchen applications supported by 2Hand-touch gestures” (Role: co-PI, ~\$45.000) (2018-2020).

Swiss National Foundation, “The role of causality in early verb learning: language-specific factors vs. universal strategies.” (PI: Sabine Stoll, University of Zurich, Role: International collaborator, Total Budget: 833.480 CHF) (2017-2020).

#### Completed Research Grants

CHIST-ERA – Human Language Understanding, “Relational symbol grounding through affordance learning (ReGROUND)” (Consortium: KU Leuven, Koç University, & Örebro University – Role: co-PI, Total Budget: €529.000, Koç University Budget: €188.000) (2016-2019).

H2020 European Commission Consortium Grant, “L2TOR: Second Language Tutoring using Social Robots.” (Consortium: Plymouth University, Koç University, Utrecht University, Tilburg University, Bielefeld University, Alderaban Robotics & QBMT – PI: Tony Belpaeme, Plymouth University, Role: co-PI, Total Budget: €3.0420.560, Koç University Budget: €357,593) (2016-2019).

Spanish Ministry of Economy and Competitiveness, “Temporal thought: relation to attention, space, emotion and decision making across individuals, cultures, and religions.” (Cross-cultural project involving Spain, USA, Morocco, Turkey, Taiwan, Bosnia Herzegovina – PI: Julia Santiago, University of Granada, Role: co-PI, Total Budget: €35.000) (2016-2018).

TUBITAK (The Scientific and Technological Research Council of Turkey) 1001 Project, “Processing relational words (verbs and prepositions) by Turkish-learning children: A longitudinal study” (Role: PI, ~\$75.000) (2014-2017).

Science Academy of Turkey, “Learning to talk about causal events: A comparison of monolingual and bilingual children” (Role: PI, ~\$9.000) (2015-2016).

Internal Mobility Funding from Koç University – Collaboration with Rice University “Cross-linguistic Patient Research: Building Comparable Turkish and English Aphasia Databases” (PIs: Tilbe Göksun and Simon Fischer-Baum, ~\$30.000) (2015-2016).

Cross-Science of Learning Centers Collaborative Mini Grant, “Gesture and STEM learning: Assessing gesture’s role in understanding geosciences” (PIs: Tilbe Göksun, Bryan Matlen and Kinnari Atit, \$6000) (2011-2012)

## HONORS & AWARDS

Turkish Academy of Sciences Outstanding Young Scientist Award (TUBA-GEBIP, 2018)

The Council of Higher Education of Turkey, Associate Professor Title (October 2017)

James S. McDonnell Scholar Award (2017)

Science Academy of Turkey Young Scientist Award (BAGEP, 2015)

Outstanding Teaching Award, Koç University (2015)

Jean Berko Gleason Best Student Paper Award - Boston University Language Conference (2009)

Certificate of Merit in Teaching, Temple University (2007)

Koç University Vehbi Koç Competitive Full Scholarship (2003-2005)

Boğaziçi University Dean’s Honor Roll in Graduation (2002)

## PUBLICATIONS

\*denotes students under my (co)supervision and #denotes postdoctoral scholars

### Peer-Reviewed Journal Articles

1. Özer, D.\*, Göksun, T., & Chatterjee, A. (in press). Differential roles of gestures on spatial language in speakers with and without speech problems. *Cognitive Neuropsychology*.
2. Demir-Lira, Ö. E., Aktan-Erciyas, A.#, & Göksun, T. (2019). New insights from children with early brain injury: Lessons to be learned from examining STEM-related skills. *Developmental Psychobiology*, 61, 477-490.
3. Kısa, Y. D.\*, Aktan-Erciyas, A.#, Turan, E.\*, & Göksun, T. (2019). Parental use of spatial language and gestures in early childhood. *British Journal of Developmental Psychology*, 37, 149-167.
4. George, N., Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2019). Any way the wind blows: Children’s inferences about force and motion events. *Journal of Experimental Child Psychology*, 177, 119-131.

5. Çatak, E. N.\*, Açık, A., & **Göksun, T.** (2018). The relationship between handedness and valence: A gesture study. *Quarterly Journal of Experimental Psychology*, *71*, 2615-2626.
6. Akbıyık, S.\*, Karaduman, A.\*, **Göksun, T.**, & Chatterjee, A. (2018). The relationship between gesture use and macrolinguistic discourse abilities in people with focal brain injury. *Neuropsychologia*, *117*, 440-453.
7. Akhavan, N.\*, **Göksun, T.**, & Nozari, N. (2018). The integrity and function of gestures in aphasia. *Aphasiology*, *32*, 1310-1335.
8. Kanero, J.#, Geçgin, V. #, Oranç, C., Mamus, E.\*, Küntay, A., & **Göksun, T.** (2018). Social robots for early language learning: Current evidence and future directions. *Child Development Perspectives*, *12*, 146-151.
9. Baykal, G.E.\*, Veryeri Alaca, I., Yantaç, A.E., & **Göksun, T.** (2018). A review on complementary natures of tangible user interfaces (TUIs) and early spatial learning. *International Journal of Child-Computer Interaction*, *16*, 104-113.
10. Belpaeme, T., Vogt, P., van den Berghe, R., Bergmann, K. **Göksun, T.**, de Haas, M., Kanero, J. #, Kennedy, J., Küntay, A. C., Oudgenoeg-Paz, O., Papadopoulou, F., Schodde, T., Verhagen, J., Wallbridge, C. D., Willemsen, B., de Wit, J., Geçkin, V. #, Hoffmann, L., Kopp, S., Kraemer, E. Mamus, E.\*, Montanier, J. M., Oranç, C., & Pandey, A. K. (2018). Guidelines for designing social robots as second language tutors. *International Journal of Social Robotics*, *10* (3), 325-341.
11. Akhavan, N.\*, Nozari, N., & **Göksun, T.** (2017). Expression of motion events in Farsi. *Language, Cognition, and Neuroscience*, *32*, 792-804.
12. Karaduman, A.\*, **Göksun, T.**, & Chatterjee, A. (2017). Narratives of focal brain-injured individuals: A macro-level analysis. *Neuropsychologia*, *99*, 314-325.
13. **Göksun, T.**, Lehet, M., Malykhina, K., & Chatterjee, A. (2015). Spontaneous gesture and spatial language: Evidence from focal brain-injury. *Brain and Language*, *150*, 1-13.
14. Nozari, N. B., **Göksun, T.**, Thompson-Schill, S., & Chatterjee, A. (2015). Phonological similarity affects production of gestures, even in the absence of speech. *Frontiers in Psychology*, *6*, 1347.
15. George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2014). Carving the world for language learning: How neuroscientific research can enrich the study of first and second language learning. *Developmental Neuropsychology*, *39*, 262-284.
16. **Göksun, T.**, George, N., Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Forces and motion: Causal understanding of preschoolers. *Child Development*, *84*, 1285-1295.
17. **Göksun, T.**, Lehet, M., Malykhina, K., & Chatterjee, A. (2013). Naming and gesturing spatial relations: Evidence from focal brain-injured individuals. *Neuropsychologia*, *51*, 1518-1527.
18. **Göksun, T.**, Woods, A. J., Chatterjee, A. Zelonis, S. J., Glass, L., & Smith, S. (2013). Elementary school children's biases in physical and numerical space. *European Journal of Developmental Psychology*, *10*, 433-448.
19. Woods, A.J., **Göksun, T.**, Chatterjee, A. Zelonis, S. J., Glass, L., Mehta, A. & Smith, S. (2013). The development of organized visual search. *Acta Psychologica*, *143*, 191-199.
20. **Göksun, T.**, Goldin-Meadow, S., Newcombe, N., & Shipley, T. F. (2013). Individual differences in mental rotation: What does gesture tell us? *Cognitive Processing (Special Issue on Spatial Learning and Reasoning Processes)*, *14*, 153-162.

21. Pruden, S. M., Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Infant categorization of path relations during dynamic events. *Child Development, 84*, 331-345.
22. Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R.M. (2012). Carving categories in a continuous world: Preverbal infants discriminate categorical changes before distance changes in dynamic events. *Spatial Cognition and Computation, 12*, 231- 251.
23. Pruden, S. M., **Göksun, T.**, Roseberry, S., Hirsh-Pasek, K., & Golinkoff, R. M. (2012). Find your manners: How do infants detect the invariant manner of motion in dynamic events? *Child Development, 83*, 977-991.
24. **Göksun, T.**, Hirsh-Pasek, K, Golinkoff, R. M., Imai, M., Konishi, H., & Okada, H. (2011). Who is crossing where? Infants' discrimination of figures and grounds in events. *Cognition, 121*, 176-195.
25. **Göksun, T.**, Hirsh-Pasek, K, & Golinkoff, R. M. (2010). Trading spaces: Carving up events for learning language. *Perspectives on Psychological Science, 5*, 33-42.
26. **Göksun, T.**, Hirsh-Pasek, K, & Golinkoff, R. M. (2010). How do preschoolers express cause in gesture and speech? *Cognitive Development, 25*, 56-68.
27. **Göksun, T.**, Küntay, A., & Naigles, L. (2008). Turkish children use morphosyntactic bootstrapping in interpreting verb meaning. *Journal of Child Language, 35*, 291-323.

### **Other Articles**

1. **Göksun, T.** & Chatterjee, A. (2016). Does brain injury impair speech and gesture differently? *Ciencia Cognitiva* (<http://www.cienciacognitiva.org/?p=1147>)
2. **Göksun, T.** (2016). Tasarım, Psikoloji ve Dil (pp. 35-45), In *Tasarım ne Bekler, Cogito*: Istanbul: YKY (in Turkish).

### **Books**

1. Aydın, Ç., **Göksun, T.**, Küntay, A. & Tahiroğlu, D. (2016). *The Child State of Mind: Studies in Cognitive Development*. Istanbul: Koç University Press (in Turkish).

### **Book Chapters and Book Reviews**

1. Oranç, C., Baykal, G.E.\*, Kanero, J. #, Küntay, A., & **Göksun, T.** (under review, invited chapter). A look into the future: How digital tools advance language development. In K. Rohlfing & C. Müller-Brauers (Eds.), *International Perspectives on Digital Media and Early Literacy: The Impact of Digital Devices on Learning, Language Acquisition and Social Interaction*. Routledge.
2. Baykal, G.E.\* & **Göksun, T.** (under review, invited chapter). Çocuk-nesne etkileşimi ile mekânsal öğrenme arasındaki ilişki: Oyun, beden ve teknoloji aracılığıyla nesne etkileşiminin zenginleştirilmesine yönelik öneriler. In B. Ateş (Ed.), *Erken/İlk Okur-yazarlık Üzerine Araştırmalar*. Istanbul: Altınbaş University Press (in Turkish).
3. **Göksun, T.**, Özer, D.\* , & Akbıyık, S.\* (under review, invited chapter). Gesture in the Aging Brain. In A. Morgenstern & S. Goldin-Meadow (Eds.), *Gesture in Language*. De Gruyter Mouton.
4. **Göksun, T.**, Aktan-Erciyes, A.\*, Hirsh-Pasek, K., & Golinkoff, R. (2017). Event perception and language learning: Early interactions between language and thought. In N. Ketrez, A. C. Küntay, Ş. Özçalışkan, & A. Özyürek (Eds.), *Social Environment and Cognition in Language Development: Studies in honor of Ayhan Aksu-Koç* (pp. 179-198). Trends in Language Acquisition Research (TiLAR) Series, John Benjamins.

5. Baykal, G.E.\* , Oranç, C., **Göksun, T.**, & Küntay, A. (2017). Preschool children's technology use and its effects on learning. In Ç. Aydın, **T. Göksun**, A. Küntay, & D. Tahiroğlu (Eds.), *The Child State of Mind: Studies in Cognitive Development* (pp. 417-440), 2<sup>nd</sup> Edition, Istanbul: Koç University Press (in Turkish).
6. **Göksun, T.**, & Özer, D.\* (2016). Spatial Cognition. In Ç. Aydın, **T. Göksun**, A. Küntay, & D. Tahiroğlu (Eds.), *The Child State of Mind: Studies in Cognitive Development* (pp. 107-130), Istanbul: Koç University Press (in Turkish).
7. **Göksun, T.**, Karaduman, A.\*, Çatak, E.\*, & Akhavan, N.\* (2016). Language and Thought: A Neuropsychological Approach. In M. Irak (Ed.), *Psychopathology and Cognition* (pp. 185-222). Istanbul: Uğur Yayınları (in Turkish).
8. **Göksun, T.**, Roeper, T., Hirsh-Pasek, K, & Golinkoff, R. M. (2011). From nounphrase ellipsis to verbphrase ellipsis: The acquisition path from context to abstract reconstruction. In J. Harris and M. Grant, (Eds.), *University of Massachusetts Occasional Working Papers in Linguistics 38: Processing Linguistic Structure, Vol. 38*, (pp. 53-74). Amherst, MA: GLSA.
9. Roseberry, S., **Göksun, T.**, & Hirsh-Pasek, K. (2009). In season? A review of Katherine Nelson's Young minds in social worlds. *Journal of Child Language*, 36, 225-233.
10. **Göksun, T.** (2009). A review of "The categorization of spatial entities in language and cognition". *International Cognitive Linguistics Association*.

### **Peer-reviewed Conference Proceedings**

1. Beşevli, C.\*, Salman, E., **Göksun, T.**, Ürey, H, & Özcan, O. (2019). MaR-T: Designing a Projection Based Mixed Reality System for Nonsymbolic Math Development of Preschoolers. *Proceedings of the Interaction Design and Children Conference (IDC'19)*.
2. Salman, E., Beşevli, C.\*, **Göksun, T.**, Özcan, O., & Ürey, H. (2019). Exploring projection based mixed reality with tangibles for nonsymbolic preschool math education. *14<sup>th</sup> International Conference on Tangible, Embedded, and Embodied Interactions (TEI)*.
3. Vogt, P., van den Berghe, R., de Haas, M., .... **Göksun, T.**, ... (2019). Second language tutoring using social robots: A large scale study. *HRI Conference Proceedings*. [**Received Best Paper Award**]
4. Kanero, J.#, Franko, I.\*, Oranç, C., Uluşahin, O.\*, Koşukulu, S., Adıgüzel, Z.\*, Küntay, A. C., & **Göksun, T.** (2018). Who can benefit from robots? Effects of individual differences in robot-assisted language learning. *Proceedings of the 8<sup>th</sup> Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics (ICDP-EPIROB)*.
5. Sabuncuoğlu, A.\*, Erkaya, M.\*, Buruk, O. T., & **Göksun, T.** (2018). CodeNotes: Designing a low-cost tangible coding tool for/with children. *Proceedings of the Interaction Design and Children Conference (IDC'18)*
6. Baykal, G.E.\*, Van Mechelen, M., **Göksun, T.** & Yantaç, A.E. (2018). Designing with and for preschoolers: Adapting methods to observe tangible interactions with spatial manipulatives. *Proceedings of the Conference on Creativity and Making in Education* (pp. 45-54).
7. Baykal, G.E.\*, **Göksun, T.** & Yantaç, A.E. (2018). Customizing Developmentally Situated Design (DSD) Cards: Informing Designers about Preschoolers' Spatial Learning. *In Proceedings of the CHI 2018*.

8. Börütecene, A.\*, Bostan, İ.\*, Akyürek, E., Sabuncuoğlu, A., Temuzkusu, İ., Genç, Ç., **Göksun, T.**, & Özcan, O. (2017). Through the Glance Mug: A Familiar Artefact to Support Opportunistic Search in Meetings. *12<sup>th</sup> International Conference on Tangible, Embedded, and Embodied Interactions (TEI)*.
9. Özer, D.\*, Tansan, M.\*, Özer, E. E.\*, Malykhina, K., Chatterjee, A., & **Göksun, T.** (2017). The effects of gesture restriction on spatial language in young and elderly adults. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1471-1476). Austin, TX: Cognitive Science Society.
10. Özer, D.\*, Kranjec, A., Balcı, F., & **Göksun, T.** (2017). The effects of duration words and spatial-temporal metaphors on perceived duration In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1477-1482). Austin, TX: Cognitive Science Society.
11. Bostan, İ.\*, Buruk, O.T., Canat, M., Tezcan, M., Yurdakul, C., **Göksun, T.** and Özcan, O.O. (2017). Hands as a Controller: User Preferences for Hand Specific On-Skin Gestures. *Proceedings of the Designing Interactive Systems Conference* (pp. 1123-1134).
12. Havlucu, H.\*, Ergin, M. Y., Bostan, İ.\*, Buruk, O. T., **Göksun, T.**, & Özcan, O. (2017). It made more sense: Comparison of user-elicited on-skin touch and free-hand gesture sets. *Proceedings of the 19<sup>th</sup> Human Computer Interaction International Conference*. Vancouver, Canada.
13. Börütecene, A.\*, Bostan, İ.\*, Şanlı, G., Genç, Ç., **Göksun, T.**, & Özcan, O. (2017). Coffee cup reading as an inspiration for looking into augmented mugs in social interaction. *Proceedings of the 19<sup>th</sup> Human Computer Interaction International Conference*. Vancouver, Canada.
14. Börütecene, A.\*, Bostan, İ.\*, **Göksun, T.**, & Özcan, O. (2016). Informing Design Decisions for Advice Mediating Handheld Devices by Studying Coffee Cup Reading. *Proceedings of the 9th Nordic Conference on Human-Computer Interaction: Game-changing Design (NordiCHI)*. ACM, New York, NY, USA.
15. Obaid, M., Yantaç, A. E., Barendregt, W., Kırlangıç, G., & **Göksun, T.** (2016). Robo2Box: A toolkit to elicit children's design requirements for classroom robots. *Proceedings of the 8th International Conference on Social Robotics* (pp. 600-610).
16. Ramoğlu, M. \*, Bostan, İ.\*, Obaid, M., **Göksun, T.**, & Özcan, O. (2016). Interaction between abstract agents: Increasing the readability of causal events with animation principles. *Proceedings of 20th International Mindtrek Conference* (pp. 272-280).
17. Bostan, İ.\*, Börütecene, A.\*, Özcan, O., & **Göksun, T.** (2016). Temporal expressions in speech and gesture. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1871-1876). Austin, TX: Cognitive Science Society.
18. Akhavan, N.\*, **Göksun, T.**, & Nozari, N. (2016). Disfluency in gesture and speech. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 716-721). Austin, TX: Cognitive Science Society.
19. Baytaş, M. A., **Göksun, T.**, & Özcan, O., (2016). The Perception of Live-sequenced Electronic Music via Hearing and Sight. *Proceedings of the NIME (New Interfaces for Musical Expression) Conference*.
20. Baykal, G.E. \*, Veryeri Alaca, I., Yantaç, A.E., & **Göksun, T.** (2016). Developing Transmedia Puzzle Play to Facilitate the Spatial Skills of Preschoolers. *Proceedings of the Interaction Design and Children Conference (IDC'16)*.

21. Kon, M., **Göksun, T.**, A. Bağcı\*, & Arunachalam, S. (2016). Verb acquisition in English and Turkish: The role of processing. *Proceedings of the 40th Annual Boston University Conference on Language Development*, Somerville, MA: Cascadilla Press.
22. Canat, M., Tezcan, M. O., Yurdakul, C., Tiza, E., Sefercik, B. C., Bostan, İ.\*, Buruk, O. T., **Göksun, T.**, & Özcan, O. (2016). Sensation: Measuring the Effects of a Human-to-Human Social Touch Based Controller on the Player Experience. *In Proceedings of the CHI 2016*.
23. Belpaeme, T., Kennedy, J., Baxter, P., Vogt, P., Krahmer, E.E.J., Kopp, S., Bergmann, K., Leseman, P., Küntay, A.C., **Göksun, T.**, Pandey, A.K., Gelin, R., Koudelkova, P., & Deblieck, T. (2015). L2TOR – Second Language Tutoring using Social Robots. *In Proceedings of 1st International Workshop on Educational Robotics at ICSR 2015*, Paris, France.
24. Akhavan, N.\*, Nozari, N., & **Göksun, T.** (2015). Motion event expressions in language and gesture: Evidence from Persian. *In Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.), Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 60-65), Austin, TX: Cognitive Science Society.
25. **Göksun, T.**, Kranjec, A., & Chatterjee, A. (2014). The development of visual art preferences. *Proceedings of the 23rd International Association of Empirical Aesthetics*.
26. Atit, K., Resnick, I., Shipley, T. F., Ormand, C., Manduca, C., **Göksun, T.**, & Tikoff, B. (2013). Spatial gestures point the way to a broader understanding of the gestural referent. *In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth, Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 1786-1791), Austin, TX: Cognitive Science Society.
27. Matlen, B. J., Atit, K., **Göksun, T.**, Rau, M. A., & Ptouckina, M. (2013). Representing space: Exploring the relationship between gesturing and geoscience understanding in children. *In C. Stachniss, K. Schill, & D. Uttal (Eds.), Proceedings of the Spatial Cognition VIII: International Conference on Spatial Cognition* (pp. 405-415). Berlin: Springer.
28. **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2009). Processing figures and grounds in dynamic and static events. *In J. Chandlee, M. Franchini, S. Lord, & G. Rheiner (Eds.), Proceedings of the 33rd Annual Boston University Conference on Language Development*, (pp. 199-210). Somerville, MA: Cascadilla Press.
29. Naigles, L., Küntay A., **Göksun, T.**, & Lee, J. (2006). Language specific properties influence children's acquisition of argument structure. *In D. Bamman, T. Magnitskaia, & C. Zaller (Eds.), Proceedings of the 30th Annual Boston University Conference on Language Development* (pp. 388-398). Somerville, MA: Cascadilla Press.

### **Manuscripts under revision/under review**

1. Baykal, G.E.\*, Van Mechelen, M., **Göksun, T.** & Yantaç, A.E. (revised-resubmitted). Embedded Figures in Stories (EFiS): A Method to Observe Preschoolers' Interactions with Spatial Manipulatives.
2. Özer, D.\* & **Göksun, T.** (under revision). The role of visual-spatial and verbal cognitive resources in sensitivity to gestural vs. spoken expressions.
3. Kartalkanat, H.\*, **Göksun, T.** (under revision). Observing different gestures during storytelling and recall of spatial and event information.
4. Aktan-Erciyes, A.# & **Göksun, T.** (under revision). Early event understanding predicts later verb comprehension and motion event lexicalization.

5. Kızıldere, E.\* , Aktan-Erciyes, A. # , Tahiroğlu, D., & **Göksun, T.** (under revision). Pretend play and language competence: Concurrent and longitudinal relations in preschoolers.
6. Aktan-Erciyes, A. # , **Göksun, T.**, Tekcan, A., & Aksu-Koç, A. (under review). Thinking-for-Speaking in Bilingual and Monolingual Children Bidirectional Effects of L1-Turkish and L2-English.
7. Akbıyık, S.\* , **Göksun, T.**, & Balcı, F. (under review). Decomposing color categorization and discrimination with the Hierarchical Bayesian estimation of the Drift Diffusion Model.

## INVITED TALKS

TPÖÇG (Turkish Psychology Students' National Congress) (ODTÜ – Ankara-Turkey), July 2019

Language and thought interaction

Üsküdar American Academy (Istanbul – Turkey) – Neuroscience Seminar, May 2019

Cognitive neuropsychology

Turkish Psychological Association Conference (Ankara – Turkey), November 2018

Language and thought interaction

Temple University Research in Spatial Cognition Meeting, October 2018

Language and thought interaction

Boğaziçi University Student Conference on Theoretical and Experimental Linguistics, February 2018

Language and thought interaction

Hacettepe University (Ankara –Turkey) – Developmental Psychology Symposium, November 2017

Early language development

University of Aachen (Germany) - Psychology Seminar, May 2017

Language, gesture, and brain injury

Koç University (Istanbul – Turkey) – Psychology Days, April 2016

Free will and children

Bahçeşehir University (Istanbul – Turkey) - Seminar, March 2016

Language, gesture, and brain injury

İzmir Economy University (İzmir – Turkey) – Seminar, December 2015

Language, gesture, and brain injury

Bilkent University (Ankara – Turkey) – Psychology Seminar, April 2015

Language, gesture, and brain injury

The Board of the Trustees Meeting of Koç University, October 2014

Language, gesture, and brain injury

Özyeğin University (Istanbul – Turkey) – Psychology Seminar, May 2014

Language and thought, developmental

Arel University (Istanbul – Turkey) – Psychology Days, April 2014

Early language development

Rice University – Cognitive Seminar, November 2013

Language, gesture, and brain injury

University of Chicago – Spatial Intelligence Learning Center, April 2013

Spatial language, gesture, and brain injury

University of Aachen (Germany) - IRTG Winter School, November 2012

Spatial language, gesture, and brain injury

Carnegie Mellon University – Pittsburg Learning Center, February 2012

Space and language

Işık University (Istanbul – Turkey) – Psychology Seminar, December 2011

Language and thought, developmental

Annual Inter-Science of Learning Center Student Conference (Washington, DC) – March 2011

Bringing together diverse research perspectives in the domain of learning



Koç University (Istanbul – Turkey) – Psychology Seminar, December 2009

Language and thought, developmental

Koç University (Istanbul – Turkey) – Language and Communication Lab, July 2008

Event processing and language

## CONFERENCE PRESENTATIONS (not listed in the proceedings)

\*denotes students under my (co)supervision and # denotes postdoctoral scholars

- Arslan, B., Çaba, B. N., & **Göksun, T.** (2019, September). *Aging, Working Memory, and Mental Imagery: Understanding gestural communication in younger and older adults*. Poster to be presented at Gesture and Speech in Interaction (GESPIN) Conference, Paderborn, Germany.
- Kanero, J.#, Oranç, C., Koşkulu, S., **Göksun, T.**, & Küntay, A. C (2019, July). *When do iconic gestures facilitate word learning? The case of L2 lessons for preschoolers led by a robot or human tutor*. Poster presented at the 41st Annual Meeting of the Cognitive Science Society, Montreal, Canada.
- Akbıyık, S.\*, Runyun, L., Genç, E., **Göksun, T.**, & Balcı, F. (2019, March). *Colored by language? The role of latent decision processes and left anterior temporal cortex in categorical color perception*. Poster presented at the 26<sup>th</sup> Cognitive Neuroscience Conference, San Francisco, CA.
- Turan, E.\*, Aktan-Erciyes, A. #, Yazıcı, D.\*, Ertaş, S. S.\*, & **Göksun, T.** (2019, March). *The link between relational language and relational thinking*. Poster presented at the Society for Research on Child Development, Baltimore, MD.
- Kızıldere, E.\*, Aktan-Erciyes, A. #, Tahiroğlu, D., & **Göksun, T.** (2019, March). *Pretend play predicting children's language competence*. Poster presented at the Society for Research on Child Development, Baltimore, MD.
- Aktan-Erciyes, A. # & **Göksun, T.** (2019, March). *Early event understanding predicts later motion event lexicalization: A longitudinal study*. Paper presented part of the symposium Universality and Diversity, E. Ünal (chair), in Event Cognition at the International Conference on Psychological Science, Paris, France.
- Özer, D.\* & **Göksun, T.** (2019, March). *The role of working memory in the online speech-gesture integration*. Poster presented at the International Conference on Psychological Science, Paris, France.
- Aktan-Erciyes, A. #, Kızıldere, E.\*, & **Göksun, T.** (2019, March). *The role of second language proficiency on speech, gestures, and eye-gaze for descriptions of motion events in first and second languages*. Poster presented at the International Conference on Psychological Science, Paris, France.
- Aslan, N., Domaniç, D. A., Aslan, Z.\*, Aydın, Ç., & **Göksun, T.** (2019, March). *Gesture use in remembering the past and imagining the future*. Poster presented at the International Conference on Psychological Science, Paris, France.
- Demir-Lira, Ö. E., Kanero, J. #, Oranç, C., Koşkulu, S., Franko, I.\*, Uluşahin, O.\*, Adıgüzel, Z.\*, Küntay, A. C., & **Göksun, T.** (2018, November). *Using gestures in L2 vocabulary teaching: Human or robot tutors?* Poster presented at the 43<sup>rd</sup> Boston University Conference on Language Development, Boston, MA.
- Özer, D.\*, Chatterjee, A., & **Göksun, T.** (2018, July). *Differential role of gestures on spatial language in patients with speech deficits and elderly adults*. Paper presented at the International Conference on Gesture Studies, Cape Town, South Africa.
- Kartalkanat, H.\* & **Göksun, T.** (2018, July). *The effects of gesture on children's spatial and event memory*. Poster presented at the International Conference on Gesture Studies, Cape Town, South Africa.
- Tansan, M.\*, Özer, D.\*, Ilca, D., & **Göksun, T.** (2018, July). *Individual differences in gesture production during spatial tasks*. Poster presented at the International Conference on Gesture Studies, Cape Town, South Africa.

- Callizo, C, Flumini, A., Chahboun, S., Porsuk, Y.K.\*, Chai, K., Ouellet, M., Tutnjević, S., Kranjec, A., **Göksun, T.**, Casasanto, D., Lavellee, J., & Santiago, J. (2018, July). *A study on the spatial representation of time in different cultures and religions*. Poster presented at the joint Congress of the SEPEX, SEPNECA, and AIP experimental, Madrid, Spain.
- Aktan-Erciyes, A.#, Uzundağ, B.\*, & **Göksun, T.** (2018, June). *On the way to talk about motion events: A longitudinal study*. Poster presented at the International Conference on Infant Studies, Philadelphia, PA.
- Aktan-Erciyes, A.# & **Göksun, T.** (2018, June). *Effects of learning a second language: Motion event descriptions in speech and gesture*. Paper presented at the Jean Piaget Society Conference, Amsterdam, Netherlands.
- Kartalkanat, H.\* & **Göksun, T.** (2018, June). *Observing gestures for spatial and event memory*. Poster presented at the Jean Piaget Society Conference, Amsterdam, Netherlands.
- Callizo, C, Flumini, A., Chahboun, S., Amaous, S., Porsuk, Y.K.\*, Chai, K., Ouellet, M., Tutnjević, S., Kranjec, A., **Göksun, T.**, Casasanto, D., Lavellee, J., & Santiago, J. (2018, May). *Traditionality and religiosity in the spatial conceptualization of time*. Paper presented at the 21<sup>st</sup> Psychology days at Zadar, Croatia.
- Turan, E.\*, Aktan-Erciyes, A.#, & **Göksun, T.** (2018, January). *Learning relational language in early childhood*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kızıldere, E.\*, Aktan-Erciyes, A.#, Tahiroğlu, D., & **Göksun, T.** (2018, January). *Pretend play and narrative creation*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kanero, J.#, de Haas, M., Mamus, E.\*, Oranç, C., van den Berghe, R., Verhagen, J., Oudgenoeg-Paz, O., Bergmann, K., Schodde, T., Küntay, A. C., **Göksun, T.**, Vogt, P., (2017, October). *Observing human tutoring to develop robot-based language lessons*. Symposium on Multimodal Communication 2017, Bielefeld, Germany.
- Göksun, T.**, (2017, September). *Language and thought interactions*. Talk given at Ege University Cognitive-Experimental Symposium, İzmir, Turkey.
- Santiago, J., Flumini, A., Chahboun, S., de la Fuente, J., Porsuk, Y.K.\*, Chai, K., Abrams, K., Ouellet, M., Casasanto, D., Tutnjević, S., Lavellee, J., **Göksun, T.**, & Kranjec, A. (2017, September). *Dimensions of Temporal Thinking Across Cultures and Religions*. Paper presented at ESCOP conference, Potsdam, Germany.
- Sarıçimen, İ.\*, Kısa, Y.D.\*, Aktan-Erciyes, A.\*, & **Göksun, T.** (2017, July). *Mothers' use of spatial language and spatial gestures*. Poster presented at the International Congress for the Study of Child Language, Lyon, France.
- Özer, D.\*, Chatterjee, A., & **Göksun, T.** (2017, June). *The Effects of Medium of Encoding on Silent Gestures: Evidence from Young and Elderly Adults*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Akbıyık, S.\*, Karaduman, A.\*, **Göksun, T.**, & Chatterjee, A. (2017, June). *The relationship between gesture use and macrolinguistic abilities in narratives*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Furman, R., **Göksun, T.**, Aktan-Erciyes, A.\*, Williamson, R., & Özçalışkan, Ş. (2017, June). *Iconic gesture comprehension by Turkish-learning children*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Kısa, Y.D.\*, Sarıçimen, İ.\*, Aktan-Erciyes, A.\*, & **Göksun, T.** (2017, April). *Learning relational words: A longitudinal study*. Paper presented as part of the symposium in N. George (chair), *Playing with words: How parents highlight event structure through language and gesture*, at the Society for Research on Child Development, Austin, TX.
- Geçgin, V.#, Mamus, E.\*, Oranç, C.\*, Güven, B.\*, Küntay, A., & **Göksun, T.** (2017, April). *Development of spatial concepts in a second language: Can feedback defeat complexity?* Poster presented at the Society for Research on Child Development, Austin, TX.

- Kısa, Y. D.\*, Aktan-Erciyes, A.\*, & **Göksun, T.** (2017, January). *A longitudinal study on learning spatial language in the first two years*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Sarıçimen, İ.\*, Ölmez, B.\*, Başçıl, A.\*, Akhavan, N.\*, Aktan-Erciyes, A.\*, & **Göksun, T.** (2017, January). *The role of nonverbal behavior during book reading on language development*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Çarkoğlu, C.\*, Aktan-Erciyes, A.\*, Chatterjee, A., & **Göksun, T.** (2017, January). *Infants' visual art preferences*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Aktan-Erciyes, A.\*, **Göksun, T.**, Aksu-Koç, A., & Tekcan, A. (2017, January). *"Thinking for speaking" in early childhood: Bidirectional effects of L1 (Turkish) and L2 (English)*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Göksun, T.**, George, N., Kartalkanat, H.\*, Uzundağ, B.\*, & Turan, E.\* (2016, November). *Expressions of complex causal relations in speech and gesture*. Poster presented at the 41<sup>st</sup> Boston University Conference on Language Development, Boston, MA.
- Akhavan, N.\*, **Göksun, T.**, Kazemi, R., & Nozari, N. (2016, October). *Integrity and function of gestures in aphasia*. Poster presented at the 54<sup>th</sup> Annual Meeting of the Academy of Aphasia, Llandudno, Wales-UK.
- Santiago, J., Flumini, A., Chahboun, S., Porsuk, Y. K.\*, Chai, K., Ouellet, M., Casasanto, D., Tutnjević, S., Lavalley, J., **Göksun, T.**, & Kranjec, A. (2016, August). *Attentional focus and the conceptual representation of time*. Paper presented at the 3<sup>rd</sup> International Conference on Time Perspective, Copenhagen, Denmark.
- Çatak, E.\*, Açıık, A., & **Göksun, T.** (2016, July). *The Relationship between Handedness and Valence: A Gesture Study*. Paper presented at the International Conference on Gesture Studies, Paris, France.
- Kon, M., **Göksun, T.**, & Arunachalam, S. (2016, May). Processing cost and the acquisition of novel verb meanings. Paper will be presented as part of the symposium in S. Arunachalam (chair), *How real-time processing abilities affect the trajectory of language acquisition*. 20<sup>th</sup> International Conference on Infant Studies, New Orleans, LA.
- Aktan-Erciyes, A.\* & **Göksun, T.** (2016, January). *On the way to learn relational words: Detecting event components in dynamic events*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Özer, D.\*, Bostan, İ.\*, Chatterjee, A., & **Göksun, T.** (2015, July). *Describing causal events: Evidence from focal brain injury*. Poster presented at the Annual Meeting of Cognitive Science Society, Pasadena, CA.
- Karaduman, A.\*, Bahtiyar, S.\*, Chatterjee, A., & **Göksun, T.** (2015, May). *Narratives of focal brain-injured individuals*. Poster presented at the Association for Psychological Science 27<sup>th</sup> Annual Convention, New York, NY.
- Çatak, E.\*, Karaduman, A.\*, Bahtiyar, S.\*, Chatterjee, A., & **Göksun, T.** (2015, May). *The role of gestures in describing motion in English and Turkish*. Poster presented at the Association for Psychological Science 27<sup>th</sup> Annual Convention, New York, NY.
- Özer, D.\*, Bostan, İ.\*, Chatterjee, A., & **Göksun, T.** (2015, April). *Describing and gesturing causal events: Evidence from focal brain injury*. Poster presented at the 22<sup>nd</sup> Cognitive Neuroscience Conference, San Francisco, CA.
- Özer, D.\*, Akhavan, N\*, Altınok, N., Savaş, Ö, Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, March). *Pointing the right way: The role of infant and caregiver gestures on language development in Turkish*. Poster presented at the Society for Research on Child Development, Philadelphia, PA.
- Karaduman, A.\*, Çatak, E.\*, Bahtiyar, S.\*, Chatterjee, A., & **Göksun, T.** (2015, March). *The role of gestures in describing motion in English and Turkish*. Poster presented at the International Convention of Psychological Science, Amsterdam, Netherlands.
- Akhavan, N\*, Özer, D\*, Altınok, N., Ger, E., Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, January). *Infant point following predicts later language development: Evidence from Turkish*. Poster presented at the BCCCD conference, Budapest, Hungary.

- Altınok, N., Savaş, Ö., Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, January). *Could fine motor skills predict early gestural development and vocabulary size?* Poster presented at the BCCCD conference, Budapest, Hungary.
- Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2014, July). Detecting and categorizing grounds in dynamic events. Paper presented as part of the symposium in L. Lakusta (chair), *Representing the event for purposes of language: Infants' categorization of path, manner, and ground in motion events*. XIX<sup>th</sup> International Conference on Infant Studies, Berlin, Germany.
- Göksun, T.**, Quandt, L., Cason, S.\*, & Chatterjee, A. (2014, April). *Restricting spontaneous gesture use when talking about spatial events*. Poster presented at the 21<sup>st</sup> Cognitive Neuroscience Conference, Boston, MA.
- Göksun, T.**, Lehet, M., Malykhina, K.\*, & Chatterjee, A. (2013, April). *Gesture compensates for impaired lexical access for spatial language*. Poster presented at the 20<sup>th</sup> Cognitive Neuroscience Conference, San Francisco, CA.
- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013, April). *Any way the wind blows: Children's inferences about force dynamics in events*. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Matlen, B. J., **Göksun, T.**, Atit, K., Rau, M. A., & Ptouchkina, M. (2012, September). *Do gesturing and sketching influence spatial cognition through similar mechanisms?* Poster presented at the 5<sup>th</sup> International Conference on Spatial Cognition, Rome, Italy.
- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2012, June). *Forcing the issue: Testing force dynamics theory in early childhood*. Poster presented at the XVIII<sup>th</sup> International Conference on Infant Studies, Minneapolis, MI.
- Göksun, T.**, Lehet, M., Malykhina, K.\*, & Chatterjee, A. (2012, April). *(Dis)associations between speech and gesture in naming spatial relations*. Poster presented at the 19<sup>th</sup> Cognitive Neuroscience Conference, Chicago, IL.
- Göksun, T.**, Woods, A.J., Chatterjee, A., Zelonis, S. J., Glass, L., & Smith, S. (2011, October). *The representation of mental number line in children with prenatal brain injury*. Poster presented at the Cognitive Development Society Conference, Philadelphia, PA.
- Resnick, I., Atit, K., **Göksun, T.**, & Shipley, T. (2011, July). *Experts' and novices' use of gesture in explaining geologic maps*. Poster presented at the 33<sup>rd</sup> Annual Meeting of Cognitive Science Society, Boston, MA.
- Göksun, T.**, Ash, S., Grossman, M., & Chatterjee, A. (2011, April). *In a manner of speaking: Narration in frontotemporal dementia*. Poster presented at the 18<sup>th</sup> Cognitive Neuroscience Conference, San Francisco, CA.
- Göksun, T.** & Chatterjee, A. (2011, March). *Talking about space: Focal brain damaged adults' spatial language production*. Poster presented at the 4<sup>th</sup> Annual Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2011, March). *Children's use of causal verbs*. Poster presented at the 4<sup>th</sup> Annual Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- Göksun, T.**, Roeper, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, September). *Nounphrase ellipsis within verbphrase ellipsis: Hidden prolicenses context reference*. Poster presented at Generative Approaches to Language Acquisition North America Conference, Toronto, Canada.
- Göksun, T.**, Ferrara, K., Richie, R., & Hirsh-Pasek, K. (2010, May). *Forces and motion: Exploring children's spatial computation and causal understanding*. Paper presented at the 3<sup>rd</sup> Annual Inter-Science of Learning Center Student and Post-Doc Conference, Boston, MA.
- Austin, S.\*, **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010, April). *Infants' discrimination of inanimate figures and grounds in dynamic scenes*. Poster presented at the Conference on Human Development, New York, NY.

- Göksun, T.**, Ferrara, K., Winslow, C. \*, George, N., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *Forces and Motion: How Young Children Understand Causal Events*. Poster presented at the XVII<sup>th</sup> International Conference on Infant Studies, Baltimore, MD.
- Göksun, T.**, Tynan, E., Roseberry, S., George, N., Ferrara, K., Stahl, A., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *A new angle to infant causality*. Poster presented at the XVII<sup>th</sup> International Conference on Infant Studies, Baltimore, MD.
- Austin, S.\*, **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *What is in an event? Infants' discrimination of inanimate figures on grounds in dynamic scenes*. Poster presented at the XVII<sup>th</sup> International Conference on Infant Studies, Baltimore, MD.
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., & Misitzis, Y. (2010, March). Categorization of space: Relational and distance changes in dynamic events. Paper presented in S. Roseberry and **T. Göksun** (chairs) *When representational systems collide: Aligning space and language*. The XVII<sup>th</sup> International Conference on Infant Studies, Baltimore, MD.
- Fitzhugh, S. L., **Göksun, T.**, Goldin-Meadow, S., Newcombe, N., & Shipley, T. F. (2009, November). *Insights into mental transformations: Combining gesture, speech, and eye movements to understand mental rotation*. Poster presented at the 50<sup>th</sup> Annual Meeting of Psychonomics, Boston, MA.
- Göksun, T.**, Hirsh-Pasek, Imai, M., Konishi, H., & Golinkoff, R. M. (2009, November). *The "Where" of events: How do English- and Japanese-reared infants discriminate grounds in dynamic events?* Paper presented at the 34<sup>th</sup> Boston University Conference on Language Development, Boston, MA. [**Received Jean Berko Gleason Award for the Best Student Paper**]
- Göksun, T.**, Austin, S.\*, Hirsh-Pasek, K., Roseberry, S., & Golinkoff, R. M. (2009, October). *Categorization of grounds in dynamic events*. Poster presented at the Cognitive Development Society Conference, San Antonio, TX.
- Göksun, T.**, Hirsh-Pasek, K., Fisher, K., Misitzis, Y., Ferrara, K., & Golinkoff, R. M. (2009, April). *Forces are in action: Causal understanding of preschoolers*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., Shallcross, W. L., Misitzis, Y., & Hafri, A. (2009, April). *How do preschoolers express cause in gesture and speech?* Poster presented at the Society for Research on Child Development, Denver, CO.
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Newcombe, N., Golinkoff, R. M., Novack, M.\*, & Brayfield, R.\* (2009, April). *Individual differences in early event perception predict later verb learning*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Göksun, T.**, Roseberry, S., Hirsh-Pasek, K., & Golinkoff, R. M. (2009, April). *When is a path not a path? Spatial relationships account for infants' processing of path and manner*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Roseberry, S., **Göksun, T.**, & Hirsh-Pasek, K. (2009, February). *When is a path not a path? Infant path categorization disappears in the absence of a ground object*. Poster presented at the 2<sup>nd</sup> Annual Inter-Science of Learning Center Student and Post-Doc Conference, Seattle, WA.
- Göksun, T.** (2008, November). *Processing figures and grounds in dynamic and static events*. Paper presented at 33<sup>rd</sup> Boston University Conference on Language Development, Boston, MA.
- Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M. (2008, July). Figure and Ground: Conceptual primitives for processing events. Paper presented in **T. Göksun** & S. Pruden (chairs), *Foundations for learning relational terms: What is in an event*. Symposium at the 11<sup>th</sup> International Congress for the Study of Child Language, Edinburgh, Scotland.
- Golinkoff, R. M., Hirsh-Pasek, K., **Göksun, T.**, Roseberry, S., Pulverman, R., Pruden, S. (2008, April). *Foundations of verb learning: How infants view motion events*. Paper presented at Princeton University Mini-Conference on Language Acquisition (organizer: A. Goldberg).
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Shallcross, W.L., & Golinkoff, R. M. (2008, March). *Where you're going trumps what you're doing: Infants prefer paths over manners in dynamic displays*. Poster presented at the XVI<sup>th</sup> International Conference on Infant Studies, Vancouver, Canada.

- Shallcross, W.L., **Göksun, T.**, Golinkoff, R. M., Hirsh-Pasek, K., Lloyd, M., Newcombe, N., & Roseberry, S. (2008, March). *Building talk: Parental utterances during construction play*. Poster presented at the XVI<sup>th</sup> International Conference on Infant Studies, Vancouver, Canada.
- Göksun, T.**, Hirsh-Pasek, K., Roseberry, S., Golinkoff, R. M. (2008, March). Processing events and learning relational terms: Figures are more prominent than Grounds. Paper presented in S. Pruden, & **T. Göksun** (chairs), *Conceptual primitives for processing events and learning relational terms*. Symposium at the XVI<sup>th</sup> International Conference on Infant Studies, Vancouver, Canada.
- Roseberry, S., Hirsh-Pasek, K., Golinkoff, R. M., & **Göksun, T.** (2008, March). *Distance categorization: Do relations matter?* Paper presented at the 79<sup>th</sup> Annual Eastern Psychological Association, Boston, MA.
- Parish-Morris, J., **Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., & Richardson, A. (2007, June). *Talking books: What kind of parental talk do they promote?* Paper presented at Jean Piaget Society Conference, Amsterdam, Netherlands.
- Göksun, T.**, Jones, M. C., Hirsh-Pasek, K., Roeper, T., Golinkoff, R. M., & Roseberry, S. (2007, March). *Finding the missing piece: Ellipsis as a clue to grammatical development*. Poster presented at Society for Research on Child Development, Boston, MA.
- Göksun, T.**, Jones, M. C., Hirsh-Pasek, K., Roeper, T., & Golinkoff, R. M. (2006, April). *What's missing? Sensitivity to Ellipsis Signals Grammatical Categories*. Paper presented at the Conference on Human Development, Louisville, KY.
- Naigles, L., Küntay A., **Göksun, T.** & Lee, J. (2005, November). *Language specific properties influence children's acquisition of argument structure*. Poster presented at 30<sup>th</sup> Boston University Conference on Language Development.
- Göksun, T.**, Küntay A., & Naigles, L. (2005, July). *Development of comprehension of (in)transitivity in Turkish: An act-out study*. Poster presented at 10<sup>th</sup> International Congress for the Study of Child Language, Berlin, Germany.
- Özyürek, A., Goldin-Meadow, S., Gürcanlı, Ö, & **Göksun, T.** (2005, July) *Gestural expressions of motion events with and without a language*. Paper presented at 10<sup>th</sup> International Congress for the Study of Child Language, Berlin, Germany.

## PROFESSIONAL SERVICE

### Symposium Organization

- 2015 Who done it? Processing causal events for language. Society for Research on Child Development, Philadelphia, PA.
- 2010 When representational systems collide: Aligning space and language. International Society on Infant Studies Conference, Baltimore, MD (co-organized with Sarah Roseberry).
- 2008 Foundations for processing events and learning relational terms. 11<sup>th</sup> International Congress for the Study of Child Language, Edinburgh, Scotland (co-organized with Shannon Pruden).
- 2008 Conceptual primitives for processing events and learning relational terms. International Society on Infant Studies Conference, Vancouver, Canada (co-organized with Shannon Pruden).

### Service to Profession

#### Executive Board

Secretary General for International Studies for Gesture Studies (ISGS) (2016 - present)

#### Editorial

Editorial Advisory Board for British Journal of Developmental Psychology (2014 - present)

#### Ad-hoc Journal Reviewer

Behavioral Processes

Behavior and Information Technology

Brain and Language  
British Journal of Developmental Psychology  
Child Development  
Child Neuropsychology  
Cognition  
Cognitive Development  
Cognitive Processes  
Cognitive Research: Principles and Implications  
Cognitive Science: An Interdisciplinary Journal  
Developmental Psychology  
Developmental Psychobiology  
Developmental Science  
European Journal of Developmental Psychology  
Frontiers in Human Neuroscience  
Frontiers in Psychology  
Human Brain Mapping  
IEEE Transactions on Autonomous Mental Development  
IEEE Transactions on Human-Machine Systems  
Infant and Child Development  
International Journal of Child-Computer Interaction  
Journal of Child Language  
Journal of Child Language Acquisition and Development  
Journal of Experimental Child Psychology  
Journal of Memory and Language  
Journal of Pragmatics  
Language and Cognition  
Neural Networks  
NeuroImage  
Psychology of Language and Communication  
PLOS One  
Türk Psikoloji Yazıları

*Conference Panel Chair/Committee*

Associate Editor for IEEE ICDL-EPIROB Conference (2019)  
Co-chair of Communication and Language Review Panel for International Congress on Infant Studies (2018)  
Organizing Committee Member for ICSLA (International Conference on Sign Language Acquisition) (2018)

*Conference Reviewer*

GESPIN (Gesture & Speech Interaction) Conference (2019)  
International Studies for Gesture Studies Conference (2018)  
Cognitive Science Society Conference (2016, 2017, 2018, 2019)  
Events in Language and Cognition Workshop (2016)  
CAPHL Workshop (2014, 2016)  
Spatial Cognition Conference (2012)  
5<sup>th</sup> International Conference on Spatial Cognition (2012)  
Inter-Science of Learning Center Student and Post-Doc Conference (2010, 2011, 2013)  
Philadelphia Area Psi Chi Research Day Judge (2010)

*Textbook Reviewer*

Sage Publications (2013)

## **Service to the University and College of Social Sciences and Humanities**

|                |   |
|----------------|---|
| 2019 – present | Quality Commission Committee of the University  |
| 2019 – 2020    | Marketing Faculty Search Committee  |
| 2017 – present | Design Technology and Society Graduate Program Committee                                  |
| 2016 – present | Faculty Council & Faculty High Council Member   |
| 2016 – 2017    | Finance Faculty Search Committee  |
| 2015 – 2016    | Global Engagement Certificate Advisory Board, Koç University                              |
| 2015 – 2016    | Psychology Faculty Search Committee   |
| 2014 – 2016    | Organizing Committee Member<br>Seminars in Social Sciences and Humanities, Koç University |

## **Service to the Department of Psychology**

|                |  |
|----------------|--|
| 2019 – present | UX track coordinator   |
| 2017 – present | Academic Advisor of Koç Psychology Students' Journal   |
| 2014 – present | Newcoming Student Advisor<br>Department of Psychology, Koç University  |
| 2015 – 2017    | Graduate Studies Coordinator<br>Department of Psychology, Koç University   |
| 2014 – 2017    | Advisor of Psychology Club, Koç University   |
| 2008           | Graduate Student Representative on Admissions Committee<br>Developmental Area, Department of Psychology, Temple University |
| 2007 – 2009    | Representative of Developmental Psychology Graduate Students<br>Department of Psychology, Temple University                |
| 2006 – 2007    | Organizing Committee Member for PhD applicants<br>Developmental Area, Department of Psychology, Temple University          |

## **Professional Affiliations**

International Society for Gesture Studies  
Society for Research on Child Development  
Cognitive Science Society

## **TEACHING EXPERIENCE (as instructor)**

### ***Koç University, Department of Psychology***

PSYC 614: Language and Thought (Graduate Level) (Spring 2015, Fall 2016, Fall 2018)  
PSYC 559: Selected Topics in Psychology: Gesture & Cognition (Graduate Level) (Spring 2015)  
PSYC 521: Cognitive Development (Graduate Level) (Fall 2019)  
PSYC 206: Developmental Psychology (Undergraduate Level) (Fall 2014, Spring 2016, Fall 2017, Spring 2018, Fall 2019)  
PSYC 301: Research Methods (Undergraduate Level) (Spring 2014, Fall 2014, Fall 2015, Spring 2016, Spring 2017)  
PSYC 352: Selected Topics: Language and Cognition (Undergraduate Level) (Fall 2018)  
PSYC 348: Introduction to Cognitive Science (Spring 2017)  
PSYC 445: Cognitive Development (Upper Undergraduate Level) (Spring 2015, Fall 2016, Spring 2018, Spring 2019)  
PSYC 453: Selected Topics: Developmental Cognitive Neuroscience (Upper Undergraduate Level) (Spring 2014)  
PSYC 453: Selected Topics: Cognitive Neuropsychology (Upper Undergraduate Level) (Fall 2015, 2017)

### ***Temple University, Department of Psychology***



PSYC 2301: Developmental Psychology (Summer 2006, Summer 2010)  
PSYC 3620: Topics in Psychology: Language Development (Summer 2009)

### **Guest Lecturer/Speaker**

Developmental Psychology course “Early language development,” Department of Psychology, METU (Instructor: Asst. Prof. Başak Şahin-Acar) – Spring 2019.  
Culture & Cognition Course “Language and Cognition,” Department of Psychology, Boğaziçi University (Instructor: Prof. Ayşecan Boduroğlu) – Spring 2018.  
Selected Topic in Design, Technology, and Society Course “Experimental Methods,” Graduate program in DTES (Instructor: Asst. Prof. Aykut Coşkun) – Fall 2017.  
Interactive Design Course “Aesthetic Appreciation: Art as a Case Study,” Department of Media and Visual Arts, Koç University (Instructor: Asst. Prof. Evren Yantaç) – Fall 2014, Spring 2015, Spring 2016, Fall 2016, Spring 2017.  
Language, Culture, & Society Course “Early Language Development,” Department of Sociology, Boğaziçi University (Instructor: Asst. Prof. Eva-Marie Dubuisson) - Fall 2014.  
Discussion leader in Neuroscience Boot Camp, Center for Cognitive Neuroscience, University of Pennsylvania – Summer 2013.  
Professional Development Seminar, Department of Psychology, Temple University (Instructor: Prof. Robert Weisberg) – Fall 2009.  
Infancy course “Early Language Development,” Department of Psychology, Temple University (Instructor: Isabella Lanza) - Fall 2009.  
Guest lecturer to Developmental Psychology course “Language Development,” Department of Psychology, Temple University (Instructor: Shari Jager-Hyman) – Summer 2008.  
Developmental Psychology course “Early Cognitive Development,” Department of Psychology, Temple University (Instructor: Julia Parish-Morris) - Summer 2008.

### **Mentoring and Student Committees**

#### ***Koç University***

(DTES: Design-Technology-Society PhD program; otherwise Psychology students)

#### **Postdoctoral Researchers**

Junko Kanero (August 2016 – January 2019)  
Aslı Aktan Erciyes (September 2017 – September 2018)  
Vasfiye Geçgin (March 2016 – April 2017)

#### **PhD Students**

Gülten Hüseyin (September 2019 – present)  
Burcu Arslan (September 2018 – present)  
Demet Özer (July 2016 – present)  
Gökçe Elif Baykal (DTES, co-advisor, June 2018): Dissertation on Developing Transmedia Learning Environment for Spatial Skills (*Received Excellence Award from Graduate School of Social Sciences and Humanities*)  
Ahmet Börütecene (DTES, co-advisor, June 2017): Dissertation on Designing Object-mediated Advice Interactions

#### **Masters Students**

Esmâ Nur Asalıoğlu (September 2019 – present)  
Feyza Nur Dik (September 2019 – present)  
İşıl Doğan ((September 2019 – present)

Mert Kobaş (November 2018 – present)  
Emir Akbuğa (September 2018 – present)  
Erim Kızıldere (September 2018 – present)  
Zeynep Aslan (March 2018 – present)  
Sümeýra Saatçi (October 2017 – present)  
Meryem Söğüt (co-advisor, September 2017 – March 2019): Thesis on executive functions and number  
Hazal Kartalkanat (September 2016 – August 2018): Thesis on memory and gesture in children  
Seda Akbıyık (co-advisor, September 2016 – June 2018): Thesis on color categorization and memory  
(Received Excellence Award from Graduate School of Social Sciences and Humanities)  
Niloofer Akhavan (January 2014– July 2016): Thesis on motion events and gesture in Persian  
Demet Özer (January 2014 – June 2016): Thesis on duration perception and language  
Esra Nur Çatak (January 2014 – September 2015): Thesis on body specificity and handedness  
Ayşenur Karaduman (January 2014 – August 2015): Thesis on narratives and brain injury

### **PhD Committees**

|  |  |
|--|--|
| Müge Akbulut                             | Sedef Süner (METU, Spring 2018)              |
| Ozan Arkan Can (Computer Engineering)    | Oğuz Turan Burak (DTES, Summer 2017)         |
| Cansu Oranç                              | Aslı Aktan Erciyes (Boğaziçi U, Summer 2017) |
| Deniz Özkan Göktürk                      | Hakan Karşılar (Fall 2016)                   |
| Mehmet Aydın Baytaş (DTES) (Spring 2019) | Beyza Ateş Şen (Summer 2016)                 |
| Hilal Şen (Fall 2018)                    | Berivan Ece Usta (Summer 2014)               |
| Berna Uzundağ (Spring 2018)              |  |

### **Preliminary PhD Committees**

|   |                                      |
|---|--------------------------------------|
| Naziye Güneş (Boğaziçi U., Spring 2018) | Berna Uzundag (Summer 2015)          |
| Ceren Gürdere (Fall 2017)               | Ahmet Börütecene (DTES, Spring 2015) |
| Ceymi Doenyas (Spring 2017)             | Hakan Karşılar (Spring 2015)         |
| Mehmet Aydın Baytaş (DTES, Spring 2017) | Süleyman Taşçı (Spring 2015)         |
| Cansu Oranç (Fall 2016)                 | Buket Kara (Fall 2015)               |
| Yalçın Doğan (Summer 2016)              | Beyza Ateş Şen (Fall 2014)           |
| Oğuz Turan Burak (DTES, Fall 2015)      | Ceyla Erhan (Fall 2014)              |
| Deniz Özkan Göktürk (Fall 2015)         | Ahmet Güzererler (DTES, Fall 2014)   |
|   | Eda Mızrak (Spring 2014)             |

### **Masters Committees**

|                                      |   |
|--------------------------------------|---|
| Sümeýye Koşkulu                      | Başak Akdoğan (Summer 2015)             |
| Büşra Tanrıverdi Özkan (Summer 2017) | Filiz Coşkun (Summer 2015)              |
| Seçil Gönültaş (Summer 2017)         | Özge Savaş (Spring 2015)                |
| Ebru Ger (Fall 2016)                 | İrem Korucu (Summer 2014)               |
| Burcu Beşiroğlu (Fall 2016)          | Mehmet Aydın Baytaş (DTES, Summer 2014) |
| Tuğçe Tosun (Spring 2016)            |   |

### **Major paper for PhD Students**

Bihter Akyol (Fall 2018)  
İrem Ergen (Fall 2018)  
Deniz Özkan Göktürk (Spring 2014)

### **Undergraduate Honors Thesis**

Eylül Turan (Spring 2018): Thesis on relational vocabulary learning  
Orhun Uluşahin (Spring 2018): Thesis on language and music

Can Çarkoğlu (Fall 2017): Thesis on development of aesthetic abilities  
Melis Çetinçelik (Spring 2016): Thesis on causal event understanding  
Deniz Çetin (Spring 2016): Thesis on time, space, and gesture  
Sevgi Bahtiyar (Spring 2015): Thesis on time and space interaction

### **Undergraduate Independent Studies**

|   |   |
|---|---|
| Derya Ilıca (Fall 2018, Spring 2019)    | İlkim Sarıçimen (Fall 2016)             |
| Selin Topel (Spring 2018)               | Hazal Kartalkanat (Spring 2016)         |
| Dilan Tulan (Fall 2017, Spring 2018)    | Melis Çetinçelik (Fall 2015)            |
| Eylül Turan (Spring 2017, Fall 2017)    | Deniz Çetin (Spring 2015, Fall 2015)    |
| Orhun Uluşahin (Fall 2016, Summer 2017) | Sevgi Bahtiyar (Fall 2014)              |
| Merve Tansan (Spring 2017)              | Aslıhan Bağcı (Fall 2014, Spring 2015)  |
| Can Çarkoğlu (Spring 2016, Fall 2016)   | Ceylin Ertekin (Fall 2014, Spring 2015) |
| Kağan Porsuk (Fall 2016)                |   |

### **Undergraduate Research Assistants (worked in the lab at least two semesters)**

Sevgi Bahtiyar, Aslıhan Bağcı, İdil Bostan, Anıl Yalın, Deniz Çetin, Melis Çetinçelik, Ceylin Ertekin, Ayşenur Yağmur Nas, Nur Baltalarlı, Ecem Şenel, Berna Aker, Şeyma Taşel, İlkin Sarıçimen, Can Çarkoğlu, Buse Naz Yılmaz, Kağan Porsuk, Ece Kuraloğlu, Irmak Çelebioğlu, Elçin Ökten, Hazal Kartalkanat, Müge Gülen, Nisan Dalbayrak, Klodin Değirmenci, Yağmur Deniz Kısa, Orhun Uluşahin, Eylül Turan, Ezgi Düzce, Dilara Işık, Gizem Karakaya, Ayşegül Güneyli, Dilara Avdagiç, Merve Tansan, Ege Ekin Özer, Erim Kızıldere, Derya Ilıca, Büşra İzgi, Zeynep Adıgüzel, Ece Şekerli, Aslı Yurtsever, Duygu Buğa, Burcu Arslan, Şeref Can Esmer, İpek Bahar Ungan, İdil Alp, Melisa Varol, Merve Duran, İlke Uysal, Özge Eser, Işıl Doğan, Rengim Lal Kılavuz.

### **Summer Research Assistants from Other Universities**

Alp Deniz Domaniç (Sabancı U), Nesli Aslan (Sabancı U), Feyza Nur Dik (Boğaziçi U), Salih Bartuğ Çelik (Bilkent U), Mehmet Arda Güneyi (Boğaziçi U), Ayça Başçı (Bilkent U), Buse Ölmez (Özyeğin U), Gürer Gündöndü (St. Johns College, USA), İdil Alaftar (Bilkent U), Benay Başkurt (Bilkent U), Aziz Gürkan Tan (Uludağ U), Atakan Kaya (Boğaziçi U), Melike Hazır (Boğaziçi U), Hilal Demircan (Boğaziçi U), Gülipek Candan (University of British Columbia, Canada)

### ***University of Pennsylvania & Temple University***

#### **Undergraduate Research Assistants**

Samuel Cason (Summer 2013)  
Katie Malykhina (Independent Study; January 2012 – August 2013)  
Stacey Austin (Honors Thesis; January 2009 – May 2010)  
Haruka Konishi (2008 - 2009)

## **REFERENCES**

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