

# Georgina Torok

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## *Education*

- 2015 – **PhD** in Cognitive Science  
*Central European University*, Budapest, Hungary  
Advisors: Natalie Sebanz, Gergely Csibra
- 2010 - 2013 **MA** in Psychology, Cognitive Psychology specialization  
*University of Szeged*, Szeged, Hungary  
Advisors: Ágnes Szokolszky, Endre E. Kádár  
Thesis title: Dynamic invariants of passability and braking control in walking through an aperture of variable size
- 2007- 2010 **BA** in Psychology  
*University of Szeged*, Szeged, Hungary  
Advisor: Dezső Németh  
Thesis title: Implicit motor sequence learning: The effects of temporal characteristics and previous motor training

## *Awards and grants*

- 2020 Award for Advanced Doctoral Students (€800)  
Awarded for student excellence by Central European University
- 2019 Doctoral Research Support Grant (€5000)  
Awarded by the Central European University Foundation of Budapest for:  
*3-month visit as Visiting Assistant in Research* at the Computational Social Cognition Lab, Department of Psychology, Yale University, USA  
Advisor: Julian Jara-Ettinger
- 2013 Award for Student Excellence  
Awarded by the Department of Psychology, University of Szeged
- 2011 - 2012 ERASMUS student mobility grant (€3200)  
Awarded by the University of Szeged for:  
*10-month study visit* at the Department of Psychology, University of Portsmouth, UK;  
BSc (Hons) Psychology program  
Advisor: Endre E. Kádár
- 2011 3rd prize at the XXX. National Scientific Students' Associations Conference (OTDK), Kecskemét, Hungary

## ***Publications***

### ***Journal publications***

- Török, G.**, Stanciu, O., Sebanz, N., & Csibra, G. (*under review*). Computing joint action costs: Co-actors minimize the aggregate individual costs in an action sequence.
- Strachan, J. W. A., & **Török, G.** (2020). Efficiency is prioritised over fairness when distributing joint actions. *Acta Psychologica*, 210, doi.org/10.1016/j.actpsy.2020.103158
- Török, G.**, Pomiechowska, B., Csibra, G., & Sebanz, N. (2019). Rationality in Joint Action: Maximizing Coefficiency in Coordination. *Psychological Science*, 30(6), 930–941. <https://doi.org/10.1177/0956797619842550>

### ***Preprints***

- Liang, Y., Wolf, T., **Török, G.**, Székely, M., & Michael, J. (2019, May 9). Comparing effort perception in individual and joint action contexts. Retrieved from [osf.io/b7stn](https://osf.io/b7stn) DOI 10.17605/OSF.IO/B7STN

### ***Conference proceedings***

- Török, G.**, Stanciu, O., Sebanz, N., & Csibra, G. (2020). Joint action planning: co-actors minimize the aggregate individual costs of actions. In S. Denison., M. Mack, Y. Xu, & B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society* (pp. 295-301.). Cognitive Science Society.
- Náfrádi, L., **Török, G.**, Csifcsák, G. (2013): A társas elutasításra való érzékenység összefüggése az arcészlelés idegi korrelátumaival. (Transl.: Rejection sensitivity and electrophysiological correlates of face perception) In Németh D., Harsányi Sz. G., Janacsek K. (szerk.) *Szegedi pszichológiai tanulmányok – 2013*. Szeged, Juhász Gyula Felsőoktatási Kiadó, 129-139. *Published in Hungarian in the Scientific Students' Associations Conference Proceedings of the Institute of Psychology, University of Szeged*
- Török, G.**, Volosin, M., Sándor, Z. & Németh, D. (2012): „A zene az kell, mert körülölel...” - de vajon milyen hatással van kognitív képességeinkre? (Transl.: The effect of long-term musical training on cognition) In Németh D., Harsányi Sz. G., Janacsek K. (szerk.) *Szegedi pszichológiai tanulmányok – 2012*. Szeged, Szegedi Egyetemi Kiadó, 73-86. *Published in Hungarian in the Scientific Students' Associations Conference Proceedings of the Institute of Psychology, University of Szeged*

### ***Talks & Presentations***

- Török, G.**, Stanciu, O., Sebanz, N., & Csibra, G. (2020, July). Joint action planning: co-actors minimize the aggregate individual costs of actions. Paper presented at the 42nd Annual Conference of the Cognitive Science Society (p. 1308).
- Török, G.**, Stanciu, O., Sebanz, N., & Csibra, G. (2019). Joint action planning: Minimizing the aggregate individual costs of co-actors. Talk presented at the VIII Joint Action Meeting (JAM), Genova, Italy, 10-13 July 2019.

- Strachan, J. W. A., **Török, G.**, Sebanz, N. (2019). When Being Efficient Is Unfair: Investigating the Role of Fairness in Task Distribution. Poster presented at the International Convention of Psychological Science (ICPS) in Paris, France, 7-9 March 2019.
- Török, G.**, Sebanz, N., & Csibra, G. (2019). New evidence for co-efficient planning in joint action. Invited talk presented at the Department of Philosophy, University of Warwick, UK, 22 January 2019.
- Török, G.**, Sebanz, N., & Csibra, G. (2018). Rationality in joint action: Maximising co-efficiency. Talk presented at the Young Scientists' Forum, International Rationality Summer Institute (IRSI) 2, Irsee, Germany, 2 – 14 September 2018.
- Strachan, J.W.A., **Török, G.**, Sebanz, N., (2018). "To Be Fair... Investigating the drive towards fairness in task distribution". Poster presented at Social Cognition in Humans and Robots Symposium in Hamburg, Germany, 27-28 September 2018.
- Török, G.**, Csibra, G., Pomiechowska, B., & Sebanz, N. (2018). Rational joint action planning: People make decisions that maximize co-efficiency. Poster presented at MeeTo 2018: *"From moving bodies to interactive minds"* in Turin, Italy, 25 – 27 May 2018.
- Török, G.**, Sebanz, N., Pomiechowska, B., Csibra, G. (2017). Efficiency in joint action: Do we make rational decisions when coordinating with others? Poster presented at the VII Joint Action Meeting (JAM) in London, UK, 22 – 26 July 2017.
- Török, G.**, Sebanz, N., Pomiechowska, B., Csibra, G. (2017). Investigating efficiency and rational decision-making in sequential joint action. Poster presented at the Aegina Summer School 2017 – The Social Brain: Embodiment and Culture in Aegina, Greece, 25 June – 1 July 2017.
- Török, G.**, Sebanz, N., Pomiechowska, B., Csibra, G. (2017). Investigating efficiency and rational decision-making in sequential joint action. Poster presented at the IX. Dubrovnik Conference on Cognitive Science – "Intuitive sociologists: Representing social relations and social categories" in Dubrovnik, Croatia, 25-28 May 2017.
- Török, G.**, Sebanz, N., Pomiechowska, B., Csibra, G. (2017). Efficiency in joint action: Do we make rational decisions when coordinating with others? Poster presented at the International Convention of Psychological Science (ICPS) in Vienna, Austria, 23-25 March 2017.
- Török, G.**, Sebanz, N., Pomiechowska, B., Csibra, G. (2017). Efficiency in joint action: Do we make rational decisions when coordinating with others? Poster presented at the Winter School on Human Action Control – Current theories and debates at Eberhard Karls University, Tübingen, Germany, 13-16 February 2017.
- Kadar, E. E., **Török, G.**, Chung, H-C & Kim, N-G. (2013). Wedge-prism adaptation causes shoulder rotation, *Studies in Perception & Action* XI, 68-71. Poster presented at the XIV International Conference on Perception and Action (ICPA), Lisbon, Portugal, 2013.
- Kadar, E. E. & **Török, G.** (2012). Dynamic invariants in walking through an aperture while holding a tray with two hands. *i-Perception*, 3(9), p. 598. ISSN: 2041-6695 (electronic abstract only)

## ***Short courses***

- 2018            IRSI 2 – International Rationality Summer Institute: Collective Rationality, Irsee, Germany, 2 – 14 September 2018.
- 2018            ‘PredPsych’, a R based toolbox for machine learning in experimental psychology, University of Turin, Italy, 24 May 2018.
- 2017            Aegina Summer School 2017 – The Social Brain: Embodiment and Culture in Aegina, Greece, 25 June – 1 July 2017.
- 2017            Winter School on Human Action Control – Current theories and debates at Eberhard Karls University, Tübingen, Germany, 13-16 February 2017.

## ***Computing skills***

Working knowledge of R, Matlab, Psychtoolbox for Matlab, JASP, Microsoft Excel

## ***Teaching***

- Fall 2018        Department of Cognitive Science, Central European University  
I gave a class on rational decision-making in joint action planning to 1st Year PhD students as part of the Joint Action research course.
- 2017 – 2019    Department of Cognitive Science, Budapest University of Technology and Economics  
I participated in the organization and coordination of an introductory course on Social Cognition (BMETE47MC01) for Cognitive Psychology and Cognitive Science MA students during the Fall 2017/2018 and Fall 2018/2019 semesters. This activity entailed organizing the syllabus, coordinating with speakers, as well as grading essays and exam presentations based on grading criteria that my collaborators and I developed. Additionally, I gave an introductory class into joint action, entitled „Coordination in Joint Action”.

## ***Public engagement***

- 2018            European Researchers’ Night, Budapest, 28 September 2018  
“Cooperation in movement: Joint object matching” – a night-long demonstration of a coordination game. The regional branch of this yearly European Union-wide event took place at Central European University.