# Curriculum Vitae

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## Personal Data


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Affiliations: Department of Biology
York University
Toronto, Ontario M3J 1P3

Centre for Vision Research at York University

Member of graduate programs at York University's Faculty of Graduate Studies:
Biology (Full Member)
Psychology (Full Member)
Electrical Engineering & Computer Science (Full Member)

Google Scholar: https://scholar.google.com/citations?user=5FO0xnMAAAAJ

DBLP ID: https://dblp.org/pid/06/6143.html

Semantic Scholar: https://www.semanticscholar.org/author/N.-Troje/2932365


## Education

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| 1980-1981 | Philosophy, Johann-Wolfgang-Goethe Universität, Frankfurt |
| 1983-1984 | Apprenticeship in Farming, degree obtained from the Landwirtschaftskammer Rheinland-Pfalz |
| 1984-1987 | Physics, Mathematics, Albert-Ludwigs Universität, Freiburg |
| 1984-1990 | Biology, Albert-Ludwigs Universität, Freiburg |
| 1989 | “Diplom-Arbeit”[a]: Polarization Vision in Honeybees. Supervisor: Prof. Dr. S. Rossel |
| 1990 | “Biologie-Diplom”[a] with focus on Animal Physiology, Biophysics and Genetics, grade: 1.1, Albert-Ludwigs Universität, Freiburg |
| 1990-1994 | PhD Program and Dissertation: Colour Vision in Blowflies. Supervisor: Prof. Dr. K. Vogt, grade: summa cum laude[b], Albert-Ludwigs Universität, Freiburg. |

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| 1998 | Habilitation[c] and Venia legendi for Animal Physiologie at the Eberhard-Karls-Universität, Tübingen |
| 1999 | Habilitiation[c] and Venia legendi for Biopsychology at the Ruhr-Universität, Bochum |

[a] *Most of my training took place in Germany. The German "Diplom" was equivalent to the North American Master degree. It involved a one year research project, the "Diplom-Arbeit". Grades range from 1 (best) to 6.*

[b] *Grades for the Dissertation follow the old latin categories. "summa cum laude" is the highest possible grade which is awarded only rarely.*

[c] *The German "Habilitation" is another promotion that was a requirement to become eligible for Full Professorship positions in Germany. After several years (typically 4 to 6) of postdoctoral research and teaching, candidates had to document their scholarship by providing a board of external and internal senior professors with a dossier of publications and a cumulative teaching record. If the evaluation was successful, a "Venia legendi" was granted that specified the area in which the candidate is qualified and licensed to teach.*

## Professional Experience

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| 1994-1997 | "Wissenschaftlicher Assistent" at the Max Planck-Institute for Biological Cybernetics in Tübingen, Germany. |
| 1997-1999 | Visiting Professor at the Department of Psychology, Queen's University, Kingston, Ontario, Canada. |
| April - Dec 1999 | Consultant for Xerox PARC, Palo Alto, California |
| 1999-2005 | Research group leader at the Department of Psychology, Ruhr-Universität, Bochum, Germany |
| since 2003 | Director of the BioMotion Lab |
| 2003 - 2013 | Canada Research Chair (Tier II) in Vision and Behavioural Sciences |
| 2003 - 2008 | Associate Professor at the Department of Psychology, Queen's University, Kingston, Ontario |
| 2004 - 2008 | Associate Professor at the School of Computing, Queen's University (cross-appointed) |
| 2006 - 2018 | Adjunct Professor at the Centre of Vision Research, York University |
| 2008 - 2018 | Full Professor at the Department of Psychology, Queen's University, Kingston, Ontario |
| 2008 - 2018 | Full Professor at School of Computing, Queen's University (cross-appointed) |
| 2011 - 2018 | Full Professor at the Department of Biology, Queen's University (cross-appointed) |
| 2014 - 2018 | Director of Queen's Biological Communication Centre. |

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| 2015 – 2024 | Member of International Research Training Group (IRTG) "The Brain in Action" (NSERC CREATE, German Research Foundation) Queen's University, York University, University of Western Ontario, Justus-Liebig University Gießen, Philipps-Universität Marburg. |
| Jan – June 2015 | Visiting Professor at Max-Planck Institute for Intelligent Systems, Tübingen, Germany. |
| Nov – Dec 2015 | Visiting Professor at Justus-Liebig University, Giessen, Germany. |
| Nov – Dec 2016 | Visiting Professor at Justus-Liebig University, Giessen, Germany. |
| since 2018 | Full Professor at Department of Biology, York University |
| since 2018 | Full Professor at Department of Psychology, York University (cross-appointed) |
| since 2018 | Full Professor at Department of Electrical Engineering and Computer Science, York University (cross-appointed) |
| 2019 – 2026 | Canada Research Chair in Reality Research (Tier I) |
| 2022 – 2023 | Visiting Professor at University of Konstanz and Max-Planck Institute for Animal Behaviour, Konstanz, Germany |

## Honors and Awards

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| 1989 - 1993 | Member of the "Studienstiftung des deutschen Volkes" [d] |
| 1990 -1993 | Scholarship from the "Landes-Graduierten-Förderung" [e] |
| 1994 | Hans Spemann Award of the Albert-Ludwigs Universität, Freiburg for the best Ph.D. thesis in life sciences in that year. |
| 1995 | DAGM-Preis 1995 of the Deutsche Arbeitsgemeinschaft für Mustererkennung (German Association for Pattern Recognition) for:<br>T. Vetter and N. Troje: Separation of texture and two-dimensional shape in images of human faces. |
| 1997 - 1999 | Feodor-Lynen Award from the Alexander-von-Humboldt Foundation [f] |
| 1999 | Research grant from Xerox PARC. |
| 1999 - 2005 | Young Researcher Award from the Volkswagen-Stiftung [g], equivalent to $2,000,000 US for six years. |
| 2002 - 2004 | German Research Foundation (DFG) grant within SFB 509, $300.000 US for three years. |
| 2003 - 2013 | Canada Research Chair (Tier II) in Vision and Behavioural Sciences |
| 2003 | Infrastructure grant from Canada Foundation for Innovation (CFI) and Ontario Innovation Fund (OIT), together $500,000 US |

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| 2004 | Premier's Research Excellence Award PREA, $150,000 US |
| 2005 | Ontario Distinguished Researcher Award |
| 2005 - 2009 | Associate of CIFAR group: Neural Computation and Adaptive Perception |
| 2005 - 2010 | NSERC Discovery Grant |
| 2006 | Queen's Chancellor's Research Award |
| 2007 | Invitation Fellowship from the Japan Society for Promotion of Science |
| 2008 - 2009 | NSERC E.W.R. Steacie Memorial Fellowship |
| 2009 - 2015 | Senior Fellow of CIFAR group: Neural Computation and Adaptive Perception |
| 2014 | Humboldt Research Prize of the Alexander von Humboldt Foundation [h] |
| since 2018 | Core Member of CFREF program “Vision: From Science to Application” (VISTA) |
| 2019 – 2026 | Canada Research Chair (Tier I) in Reality Research |
| Since 2023 | Core Member of CFREF program “Connected Minds” |

[d] *The “Studienstiftung des deutschen Volkes” is the oldest and most prestigious German foundation for highly gifted students.*

[e] *“Landes-Gradierten-Förderung” provides provincial funding for exceptional graduate students.*

[f] *The “Feodor-Lynen Award” grants highly qualified German scholars from all disciplines the opportunity to carry out long-term research projects at institutions outside Germany. I used the award to spend two years at Queen’s University.*

[g] *The “Nachwuchsgruppen Förderung” of the Volkswagen Foundation used to be one of the most prestigious awards available in Germany. Every year from 1997 until 2003 between 8 and 10 young researchers were chosen across all academic disciplines and awarded with very generous and flexible funding to set up and run a whole research group for up to 6 years. In fall 1999, I received the equivalent of $2,000,000 US to set up an independent research group at Ruhr University in Bochum, Germany. As a group leader, I was granted the status of a Professor in the Department of Psychology.*

[h] *The Humboldt Research Prize is a lifetime achievement award endorsed with a prize money of €60,000 and the invitation to visit a research institution in Germany.*

## Teaching Experience

### University of Freiburg

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| 1990, 1991 | Summer lab course (6-week courses): Orientation of honeybees: Landmarks or cognitive maps? |
| 1991, 1992 | Animal physiology course, part: Colour vision |
| 1992 | Organisation of Sensory Physiology seminar course: Comparative colour vision |

**University of Tübingen**

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| 1994 | Seminar course: Psychophysics of colorvision, together with C. Wehrhahn |
| 1995 | Seminar course: Orientation and navigation, together with D. Varju |
| 1995 | Biocybernetics course: Psychophysical methods |
| 1996 | Lab course: Psychophysics of cognitive processes |
| 1996 | Seminar course: Symmetry and symmetry detection |
| 1996 | Biocybernetics course: Psychophysical methods. |
| 1997 | Lab course: Psychophysics of cognitive processes |

**Queen's University**

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| 1999 | Seminar course: Comparative sensory physiology |

**Ruhr-University Bochum**

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| 2000 | Seminar course: Learning and memory |
| 2000 | Lecture course: Vision (Summerschool Neuroscience, Konstanz, Germany) |
| 2001 | Seminar course: Mechanisms of visual perception |
| 2001 | Seminar course: Cognitive neuroscience |
| 2001 | Lecture course: Brain science: From light to vision |
| 2002 | Seminar course: Cognitive neuroscience |
| 2002 | Lecture/Lab course: Scientific computing: An introduction into Matlab |
| 2003 | Lecture/Lab course: Motion analysis |

**Queen's University**

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|---|---|
| 2004 - 2008 | Experimental Psychology: Sensation and Perception (PSYC 215) |
| 2004 | Advanced Special Topics in Cognitive Science (PSYC 971) |
| 2005 | Visual and Auditory Processes: Multisensory Integration (PSYC 921) |
| 2005 - 2006 | Advanced Perception Lab Course (PSYC 380) |
| 2008 | Directed lab course (PSYC 570): Pigeon operant conditioning |
| 2009 | Visual and Auditory Processes: Vision and Visual Illusion (PSYC 921) |
| 2010 - 2018 | Experimental Psychology: Sensation and Perception (PSYC 215) |
| 2010 | Foundations of Cognition and Perception (PSYC 833) |

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| 2010 | Visual Perception of Human Motion (Summer School on Neural Computation and Adaptive Perception, Toronto), Aug. 10-14 |
| 2010 | Directed reading course (PSYC 571): Depth ambiguity |
| 2011 | Vision: Mechanisms, Algorithms, Models (PSYC 921) |
| 2011 | Directed reading course (PSYC 571): Psychophysical approaches to the correspondence problem |
| 2012 | Visual Perception as Bayes'ian Inference (PSYC 970) |
| 2013 | Summer School in Computational Sensory-Motor Neuroscience, Queen's Univ. |
| 2013 | Visual and Auditory Processes: Classic Experiments (PSYC 921 and PSYC 420) |
| 2011 – 2013 | Brain, Behaviour, and Cognitive Science seminar (PSYC 811/812/907/908) |
| 2016 | Perception, Inference, Intelligence (PSYC 921 and PSYC 420 ) |
| 2016 - 2018 | Advanced perception (PSYC 380) |
| 2017 | Embodied Cognition (PSYC 834) |

**York University**

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|---|---|
| 2019 | Current Topics in Biological Research (BIOL 3100) |
| 2020 | Animal Physiology II (BIOL3070) |
| Since 2021 | Sensory Systems (BIOL3380) |

## Administrative duties

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| 2002 - 2003 | Education Committee of the International Graduate School for Neuroscience, Ruhr-University, Bochum, Germany. |
| 2004 - 2007 | Education and Training Committee, Centre for Neuroscience Studies, Queen’s University |
| since 2004 | Animal Care Advisory Group, Dept. of Psychology, Queen’s University |
| 2005 - 2007 | Library Officer, Department of Psychology, Queen’s University. |
| 2009 - 2010 | Chair Animal Advisory Group, Dept. of Psychology, Queen’s University |
| 2010 - 2014 | Chair of Graduate Program: Brain, Behaviour, and Cognitive Science, Dept. of Psychology, Queen’s University |
| 2012 - 2016 | University Animal Care Committee, Queen's University |
| 2017 - 2018 | Chair of Graduate Program: Brain, Behaviour, and Cognitive Science, Dept. of Psychology, Queen's University |

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| 2018 - 2019 | Member of the Steering Committee of the Centre for Vision Research at York University |
| 2019 - 2022 | Member of VISTA Partnership Committee |
| 2019 | Member of Search Committee for Computational Biology faculty position |
| 2019/2020 | Member of Search Committee for Directorship of Neuroscience Centre |
| 2020 | Chair of Search Committee for CRC Neuroscience Biology faculty position |
| 2020 - 2022 | Member of Tenure and Promotion Committee, Department of Biology |
| 2019 - 2021 | Member of SPORT committee, Office of Vice Principal Research & Innovation |
| Since 2022 | Chair of Seminars and Conferences Committee and member of leadership committee, Centre for AI and Society (CAIS) |
| 2024 – 2025 | Chair of Search Committee for Biology faculty position 'Animal Social Behaviour' |
| Since 2024 | Member of Leadership Committee of Centre for Vision Research |
| Since 2024 | Member of Leadership Committee of Centre for AI and Society |

**Other services**

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| 2008 | Served as a judge on the Best Visual Illusion of the Year Contest |
| since 2009 | Member of the Editorial Board of the journals Perception and i-Perception |
| 2009 - 2012 | Advisory Committee member for Viperlib (viperlib.york.ac.uk) |
| 2009 - 2011 | Associate Editor of the journal Frontiers in Perception Science |
| 2010 | Teaching a course Visual Perception of Human Motion at Summer School of CIFAR Neural Computation and Adaptive Perception group, Toronto, Aug. 10-14 |
| 2012/13 | Program committee member of the IEEE International Conference on Automatic Face and Gesture Recognition |
| 2017 | Co-organization of Matariki Spring School "High-Level Vision: From Mechanisms to Perception, University of Tübingen, April 10-13. |
| 2017 | Program committee member of CAPnet-CPS CAN-ACN Satellite Symposium "Perception, Action and their interaction: Data, Models and Dysfunction" Montreal, May 27. |
| 2017 | Organization of Annual Retreat of IRTG CREATE Graduate School "The Brain in Action", Queen's University, Aug. 14-19. |
| 2017 | Organization of workshop "Motion Capture Technology". Queen's University, Aug. 21. |

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| 2019 | Workshop “Virtual Reality” at York in conjunction with IRTG retreat June 2019 |
| 2022 | Organization of CVR conference: “Vision Science: from picture to reality, from observer to agent” at York University, Toronto, June 6-9. |
| 2023 | Organization of first workshop Collective Behaviour – Connected Minds at York University, November 20-22. |
| 2024 | Organization of second workshop Collective Behaviour – Connected Minds at University of Konstanz, Germany, Aug 17-19. |

## Reviewing referee for journals

acta psychologica

Biological Cybernetics

Cerebral Cortex

Cognitive Brain Research

Cognitive Science Society

Current Biology

Evolution and Human Behaviour

Gait and Posture

Human Movement Science

IEEE Computer Graphics and Applications

Journal of Comparative Physiology

Journal of Experimental Psychology:Animal Behavior Processes

Journal of Neuroscience

Journal of Neuroscience Methods

Journal of Vision

Laterality

Movement Science

Nature

Nature Communications

Nature Neuroscience

Neuroreport

Neuroscience Letters

Pattern Recognition

Perception & Psychophysics

PLoS Biology

Proceedings of the National Academy of Science

Proceedings of the Royal Society of London

Psychological Research

Psychological Science

Psychonomic Bulletin & Review

Science

Seeing and Perceiving

SIGGRAPH Asia

Vision Research

Visual Cognition

Zeitschrift für experimentelle Psychologie

## Reviewing referee for funding agencies

Canada Foundation for Innovation (CFI)

Canada Research Chair program

Deutsche Forschungsgemeinschaft (DFG)

Israel Science Foundation (ISF)

National Science and Engineering Research Council of Canada (NSERC)

National Science Foundation (NSF)

Swiss National Science Foundation (SNSF)

The Wellcome Trust

Volkswagen Foundation

## Current professional affiliations

Association for Computing Machinery (ACM)

Vision Science Society (VSS)

Canadian Society for Brain, Behaviour and Cognitive Science

International Society for Neuroethology

Alexander-von-Humboldt Foundation

Japanese Society for the Promotion of Science

Deutscher Hochschulverband

Deutsche Gesellschaft für Psychologie

Deutsche Zoologische Gesellschaft

Alumni der Studienstiftung e.V.

## Invited talks

112. McMaster University (2025)

111. Keynote address, The Adaptive Mind (Universities Giessen and Marburg), Schloss Rauischholzhausen (2023)

110. University of Münster (2023)

109. University of Mainz (2023)

108. University of Ulm (2023)

107. Keynote address, IRTG 'The Brain in Action' Retreat: "Deictic consistency and the development of a new telecommunication platform". University of Gießen, Germany (2022)

106. Keynote address, ECCV Workshop "Bodily Expressed Emotion Understanding" (2020)

105. Keynote address, conference "Bio-Propulsion of Adaptive Systems", Queen's University (2018)

104. York University, Toronto (2018)

103. University of Otago, NZ (2018)

102. York University, Toronto (2017)

101. University of Vienna (2017)

100. University of Tübingen (2017)

99. University of Gießen (2016)

98. Pace Gallery, New York (2016)

97. Le Lab, Cambridge, MA (2016)

96. University of Bonn (2015)

95. University of Münster (2015)

94. University of Tübingen (2015)

93. University of Mainz (2015)

92. Max-Planck-Institute for Intelligent Systems, Tübingen (2015)

91. University of Gießen (2015)

90. University of Bielefeld (2015)

89. University of Witten-Herdecke (2015)

88. University of Vienna, Cognitive Biology (2015)

87. Cuban Neuroscience Centre, Havana, Cuba (2014)

86. Montreal Vision Research, McGill (2014)

85. International Research and Training Group "The Brain in Action" (2014)

84. Max-Planck-Institute for Intelligent Systems, Tübingen (2014)

82. Keynote address, Lake Ontario Visionary Establishment meeting, Niagara on the Lakes (2014)

82. Human Mobility Research Centre, Queen's University (2014)

81. Department of Biophysics, Chinese Academy of Science, Beijing (2014)

80. School of Computer Science and Engineering, Seoul National University (2012)

79. Department of Computer Science, University of Hannover (2012)

78. Human Mobility Research Centre, Queen's University (2011)

77. Department of Psychology, University of Hamburg (2011)

76. Eikones, University of Basel (2011)

75. Department of Biology, Queen's University (2011)

74. Department of Psychology, University of Western Ontario (2010)

73. Department of Biology, Queen's University (2009)

72. Department of Psychology, Freiburg University (2009)

71. Frankfurt Institute for Advance Studies (2009)

70. Bernstein Center for Computational Neuroscience, Freiburg (2008)
69. School of Optometry, Université de Montréal (2008)
68. CERNEC, Université de Montréal (2007)
67. Department of Psychology, Carleton University, Ottawa (2007)
66. Department of Psychology, University of Alberta, Edmonton (2007)
65. Department of Psychology, Kyoto University, Tokyo, Japan (2007)
64. Primate Research Institute, Inuyama, Japan (2007)
63. Department of ComputerScience and Engineering, Kagoshima University, Japan (2007).
62. Global COE symposium on Biological Motion Perception, Keio University, Tokyo (2007)
61. Faculty of Life Sciences, University of Vienna (2007)
60. Department of Psychology, University of Manitoba (2007)
59. Department of Psychology, Indiana University, Bloomington (2006)
58. International Symposium: Social Cognition as a Higher Brain Function, Keio University, Tokyo (2006)
57. Department of Ophthalmology, McGill University (2006)
56. Center for Vision Research, York University (2006)
55. Department of Psychology, Concordia University (2005)
54. Department of Mathematics, Queen's University (2005)
53. Max-Planck-Institute for Biological Cybernetics, Tübingen (2005)
52. Max-Planck-Institute for Human Development, Berlin (2005)
51. Center for Neuroscience Studies, Queen’s University (2005)
50. Department of Psychology, McMaster University (2004)
49. Department of Physical Education, Queen’s University (2004)
48. Department of Psychology, New York University (2004)
47. Laboratoire Électronique Informatique, University of Dijon (2004)
46. Department of Computer Science, University of Toronto (2004)
45. Department of Psychology, Harvard University (2004)

44. Queen's University: EEB Seminar, Biology (2003)
43. CNUCs meeting: Field's Institute, University of Toronto (2003)
42. Sheridan College, Oakville, Ontario: School of Animation (2003)
41. HPCVL, Queen's University, Kingston, Ontario (2003)
40. Queen's University: BBCS Seminar, Psychology (2003)
39. University of Saarbrücken, Psychology (2003)
38. University of Bremen, Center for Brain Research (2003)
37. EURESCO Conference on Three Dimensional Sensory and Motor Space, Acquafredda di Maratea, Italy (2003)
36. Vicon User Meeting, Heidelberg (2002)
35. Queen's University, Kingston, Ontario: Psychology (2002)
34. University of Giessen, Psychology (2002)
33. LMU, München, Graduate School Neurosensoric (2002)
32. ATR, Kyoto, Japan (2002)
31. University of Oldenburg: Biology (2001)
30. University of Freiburg: Biology and Neurology (2001)
29. Max-Planck-Institute for Cognitive Neuroscience, Leipzig (2001)
28. Max-Planck-Institute for Biological Cybernetics, Tübingen (2001)
27. University of Konstanz: Psychology (2001)
26. University of Essen: Anatomy (2001)
25. Max-Planck-Institut für Verhaltensphysiologie, Seewiesen, (2000)
24. Queen's University, Kingston, Ontario: Psychology (2000)
23. University of Bielefeld: Mathematics (2000)
22. University of Aachen: Biology (2000)
21. University of South Florida, Tampa: Psychology (2000)
20. University of Minnesota, Minneapolis: Psychology (1999)
19. McMaster University, Hamilton, Canada: Psychology (1999)
18. NEC Research Institute, Princeton, New Jersey (1998)

17. New York University, Center of Neural Sciences (1998)

16. University of Berlin, Biology (1997)

15. Max-Planck-Institute for Biological Cybernetics, Tübingen (1997)

14. University of Munich: Psychology (1997)

13. University of Glasgow, UK: Psychology (1996)

12. University of Tübingen: Neurology (1996)

11. Salk Institute, La Jolla (1996)

10. University of California, Irvine: Psychology (1996)

9. University of Southern California, Los Angeles: Psychology (1996)

8. University of California, Santa Barbara: Psychology (1996)

7. University of Tübingen: Eye Clinic (1995)

6. University of Minnesota, Minneapolis: Psychology (1995)

5. University of Berlin: Biology (1994)

4. University of Aachen, Germany: Biology (1994)

3. Max-Planck-Institute for Biological Cybernetics, Tübingen (1994)

2. Cambridge, UK: Psychology (1993)

1. University of Erlangen, Germany: Biology (1993)

## List of publications

See https://scholar.google.com/citations?user=5FO0xnMAAAAJ for impact and citation statistics.

### a. Refereed journal articles

144. Troje, N. F., Preissler, L., Schwarzer, G. (in press) Motion parallax allows 7-8-month-old infants to distinguish pictures from their referents. i-Perception.
143. Wang, X. M., Troje, N. F. (2024) Relating visual and pictorial space: Integration of binocular disparity and motion parallax Journal of Vision 24(13:7):1-24
142. Ross, G. B., Zhao, X., Troje, N. F., Fischer, S. L., & Graham, R. B. (2024). Assessing inter-and intra-rater reliability of movement scores and the effects of body-shape using a custom visualisation tool: an exploratory study. BMC Sports Science, Medicine and Rehabilitation, 16(1), 205.
141. Becker, M., Troje, N. F., Schmidt, F., & Haberkamp, A. (2024). Moving spiders do not boost visual search in spider fear. Scientific Reports, 14(1), 19006.
140. Troje, N. F. (2023) Depth from motion parallax: deictic consistency, eye contact and a serious problem with Zoom. Journal of Vision, 23(10), 1-11.
139. Wang, X. M., Troje N. F. (2023) Relating visual and pictorial space: Binocular disparity for distance, motion parallax for direction. Visual Cognition 31: 107-125.
138. Troje, N. F. (2023) Zoom disrupts eye contact behaviour: Problems and solutions. Trends in Cognitive Science 27: 417-419.
137. Ghorbani, S., Ferstl, Y., Holden, D., Troje, N. F., Carbonneau, M. A. (2023) ZeroEGGS: Zero-shot example-based gesture generation from speech. Computer Graphics Forum 42: 206-216.
136. Troje, N. F., Chang, D. H. F. (2023) Life detection from biological motion. Current Directions in Psychological Science. 32:26-32.
135. Peng, W., Cracco, E., Troje, N. F., Brass, M. (2023) Does belief in free will influence biological motion perception? Psychological Research 87:751-767.
134. Ben-Ami, S., Gupta, P., Yadav, M., Shah, P., Talwar, G., Paswan, S., Ganesh, S., Troje, N. F., Sinha, P. (2022) Human (but not animal) motion can be recognized at first sight after treatment for congenital blindness Neuropsychologia 174:1-14
133. Martin, L., Stein K., Kubera, K. Troje, N. F., Fuchs, T. (2022) Movement markers of schizophrenia - a detailed analysis of patients' gait patterns. European Archives of Psychiatry and Clinical Neuroscience 272:1347-1364.
132. Cui, A. X., Troje, N. F., Cuddy, L. (2022) Electrophysiological and behavioral indicators of musical knowledge about unfamiliar music. Scientific Reports 12(441):1-13..
131. Eftekharifar, S., Thaler, A., Troje, N. F. (2021) The role of binocular disparity and motion parallax in cybersickness. Experimental Brain Research 239:2649-2660.
130. Ghorbani, S., Mahdaviani, K., Thaler, A., Kording, K., Cook, D. J., Blohm, G., Troje, N. F. (2021) MoVi: A large multi-purpose human motion and video dataset PLoS One 16(6):e0253157.
129. Peng, W., Cracco, E., Troje, N. F., Brass, M. (2021) Does anxiety induced by social interaction influence the perception of bistable biological motion? Acta Psychologica 215:103277.
128. Chen, K., Ye, Y., Troje, N. F., Zhou, W. (2021) Oxytocin modulates human chemosensory decoding of sex in a dose-dependent manner. eLife 10:e59376, doi: 10.7554/eLife.59376.
127. Bachmann, J., Zabicki, A., Gradl, S., Munzert, J., Troje, N. F., Krueger, B. (2021) Does co-presence affect the way we perceive and respond towards emotional interactions? Experimental Brain

Research 239(3), 923-936.
126. Chang, D. H. F, Troje, N. F., Ikegaya, Y., Fujita, I., Ban, H. (2021) Spatiotemporal dynamics of responses to biological motion in the human brain. Cortex 136:124-139
125. Ghorbani, S., Wloka, C., Etemad, A., Brubaker, M. A., & Troje, N. F. (2020) Probabilistic character motion synthesis using a hierarchical deep latent variable model. Computer Graphics Forum 39:225-239.
124. Rajendran, S. S., Bottari, D., Shareef, I., Pitchaimuthu, K., Sourav, S., Troje, N. F., Kekunnaya, R., Röder, B. (2020) Biological action identification does not require early visual input for development. eNeuro:0534-19.2020.
123. Ross, G. B., Dowling, B., Troje, N. F., Fischer, S. L., Graham, R. B. (2020) Classifying elite from novice athletes using simulated wearable sensor data. Frontiers in Bioengineering and Biotechnology 8(814):1-10.
122. Bebko, A., Troje, N. F. (2020) bmlTUX: Design and control of experiments in virtual reality and beyond. i-Perception 11(4): 1-12. https://doi.org/10.1177/2041669520938400
121. Eftekharifar, S., Thaler, A., Troje, N. F. (2020) Contribution of motion parallax and stereopsis to the sense of presence in virtual reality. Journal of Perceptual Imaging 020502:1-10.
120. Karimpur, H., Eftekharifar, S., Troje, N. F., Fiehler, K. (2020) Spatial coding for memory-guided reaching in visual and pictorial spaces. Journal of Vision. 20(4): 1-12.
119. Helm, F., Canal-Bruland, R., Mann, D., Troje, N. F., Munzert, J. (2020) Integrating situational probability and kinematic information when anticipating disguised movements. Psychology of Sport & Exercise 46(101607):1-8.
118. Kurz, J., Munzert, J., Helm, F., Troje, N. F. (2020) Prediction of action outcome: Effects of available information about body structure. Attention, Perception and Psychophysics 82(4), 2076-2084.
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116. Mahmood, N., Ghorbani, N., Troje, N. F., Pons-Moll, G., Black, M. J. (2019) AMASS: Archive of motion capture as surface shapes arXiv:1904.03278 and Proceedings of ICCV, 2019, Seoul, Korea.
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## c. Book Chapters

9. Troje, N. F. (2017) The Kayahara silhouette illusion. In: Shapiro, A., Todorovic, D. (eds.) Oxford Compendium on Visual Illusions. Oxford University Press. pp 582-585.
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3. Troje, N. F. (2008) Retrieving information from human movement patterns. In: Shipley, T. F. and Zacks, J. M. (eds.) Understanding Events: How Humans See, Represent, and Act on Events. Oxford University Press, pp. 308-334.
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## d. Technical Reports

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5. Troje, N. F., Vetter, T. (1996) Representations of human faces. MPI-memo No. 41, Max-Planck-Institut für biologische Kybernetik, Tübingen.
4. Troje, N. F., Bülthoff, H. H. (1996) How is bilateral symmetry of human faces used for recognition of novel views? MPI-memo No. 38, Max-Planck-Institut für biologische Kybernetik, Tübingen.
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1. O'Toole, A. J., Bülthoff, H. H, Troje, N. F., Vetter, T. (1995) Face recognition across Large Viewpoint Changes. MPI-memo No. 9, Max-Planck-Institut für biologische Kybernetik, Tübingen.

## e. Other contributions

13. Wang, X. M., Troje, N. F. (2022) Relating visual and pictorial space: Binocular disparity for distance, motion parallax for direction PsyArXiv, https://doi.org/10.31234/osf.io/zfjvm
12. Ghorbani, S., Ferstl, Y., Holden, D., Troje, N. F., Carbonneau, M. A. (2022) ZeroEGGS: Zero-shot example-based gesture generation from speech. arXiv, https://doi.org/10.48550/arXiv.2209.07556
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## f. Symposia, conference presentations and published abstracts

259. Troje, N. F., Preißler, L., Schwarzer, G. (2024) Directionality distinguishes pictures from their referents in 7-9 months old infants *Poster presented at CNS 2024 Annual Meeting, Toronto*
258. Lott, K., Hosseini, Z., Logan, N., Troje, N. F. (2024) Temporal properties of pupillary synchronization during human communication *46th European Conference for Visual Perception, Aberdeen.*
257. Logan, N., Lott, K., Hosseini, Z., Troje, N. F. (2024) Accuracy and precision of Appleâ™s Truedepth camera and ARKit for affordable head and eye tracking *46th European Conference for Visual Perception, Aberdeen.*
256. Hosseini, Z., Lott, K., Logan, N., Troje, N. F. (2024) Comparing Social Gaze between Communication Media *46th European Conference for Visual Perception, Aberdeen.*
255. Antoun, J., Wilkinson, E., Troje, N. F., Fowlie, D., Jacobson, J. A. (2024) Windows vs. screens: The effects of parallax on social interactions. 96th Annual Meeting of the Midwestern Psychological Association, Chicago.
254. Fadaeinejad, A., Dib, A., Brubaker, M., Troje, N.F. (2023) Talking heads for game and telecommunication systems. CVR Vision Conference, Toronto.
253. Erdogan, M., Troje, N. , Scholl, B. (2023) Percepts of biological motion disappear in slow-moving

displays: Evidence for domain-specific agent perception. Poster presented at Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 23 (9): 5146].

252. Ben-Ami, S., Ralekar, C., Verma, D., Tiwari, K., Yadav, M., Gupta, P., Shah, P., Ganesh, S., Troje, N. F., Sinha, P. (2023) Development of biological motion perception: Insights from late-sighted children. Talk presented at Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 23 (9): 5449-5449].
251. Schwarzer, G., Preißler, L., Troje, N. F. (2023) The role of motion parallax in infants' visual preference for real objects. Poster presented at Biennial Meeting of the Society for Research in Child Development, Salt Lake City.
250. Esser, M., Thaler, A., Troje, N. F. (2022) What causes the facial orientation bias? Centre for Vision Research Conference, Toronto.
249. Funkhouser, A, Troje, N. F. (2022) Communication efficiency in video calls with motion parallax. Centre for Vision Research Conference, Toronto.
248. Vembukumar, V., Troje, N. F. (2022) Evaluating gaze perception with simulated motion parallax. Centre for Vision Research Conference, Toronto.
247. Troje, N. F., Esser, M., Thaler, A. (2022) Mug shots: Systematic biases in the perception of facial orientation. Talk presented at Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 22(14):4273].
246. Ross, G., Dowling, B., Troje, N. F., Fischer, S. L., Graham, R. B. (2021) Classifying elite from novice athletes using simulated wearable sensor data. Talk presented at the 21th Biennial Meeting of the Canadian Society for Biomechanics, Montreal, Canada (online conference).
245. Bebko, A. O., Troje, N. F. (2020) Experimental design with Unity game engine Vision Science Society meeting (online conference).
244. Rajendran, S. S., Bottari, D., Shareef, I., Pitchaimuthu, K., Sourav, S., Troje, N. F., Kekunnaya, R., Röder, B. (2020) Biological action identification does not require early visual input for development. Vision Science Society meeting (online conference).
243. Thaler, A., Bieg, A., Mahmood, N., Black, M. J., Mohler, B. J., Troje, N. F. (2020) The role of sexual dimorphism in the perception of attractiveness and confidence. Vision Science Society meeting (online conference).
242. Wang, X. M., Bebko, A. O., Thaler, A., Troje, N. F. (2020) Stereopsis aids perceived distance based on an exocentric pointing task Vision Science Society meeting (online conference).
241. Bebko, A., Troje, N. F. (2019) The size of objects in visual space compared to pictorial space. Talk presented at Vision Science Society meeting, St Pete Beach, FL.
240. Bebko, A., Troje, N. F. (2019) Asymmetry in size perception in visual vs. pictorial space CVR Vision Conference, Toronto.
239. Eftekharifar, S., Troje, N. F. (2019) The effect of motion parallax and stereopsis on the sense of presence in the pit room environment CVR Vision Conference, Toronto.
238. Ghorbani, N., Etemad, A., Troje, N. F. (2019) Automatic initialization and tracking of markers in optical motion capture by learning to rank CVR Vision Conference, Toronto.
237. Kurz, J., Reiser, M., Troje, N. F., Munzert, J. (2019) Predicting the action outcome of left- and right-footed penalties in a rep-resentative experimental setting in soccer Journal of Exercise, Movement, and Sport (SCAPPS refereed abstracts repository), 51(1), 33-33.
236. Cui, A.-X., Troje, N. F., Cuddy, L. L. (2019) When unfamiliar music becomes familiar: Perceptual and neural responses in a probe tone paradigm. Society for Music Perception and Cognition, New York City.
235. Bebko, A, Troje, N. F. (2019) The size of objects in visual space compared to pictorial space. Paper

presented at Vision Science Society meeting, St Pete Beach, FL.

234. Eftekharifar, S., Troje, N. F. (2019) Contribution of stereopsis and motion parallax to fear response in the pit room environment. Poster presented at Vision Science Society meeting, St Pete Beach, FL.
233. Chang, D. H. F., Troje, N. F., Ban, H. (2019) Spatiotemporal characteristics of cortical responses to biological motion. Vision Science Society meeting, St Pete Beach, FL.
232. Ben-Ami, S., Troje, N. F., Sinha, P. (2019) How the brain learns to see biological motion after recovering from visual deprivation. Vision Science Society meeting, St Pete Beach, FL.
231. Ross, G. B., Dowling, B., Troje, N. F., Fischer, S. L., Graham, R. B. (2018) Development of a data-driven framework for classifying movement patterns. Poster presented at the 8th World Congress of Biomechanics, Dublin, Ireland.
230. Ross, G. B., Dowling, B., Troje, N. F., Graham, R. B. (2018) Assessing the relationship between movement performance and body-shape using MoSh. Talk presented at the 20th Biennial Meeting of the Canadian Society for Biomechanics (Podium), Halifax, Nova Scotia, Canada.
229. Cui, A.-X., Malcolm, P. M., Müller, T. S., Troje, N. F., Cuddy, L. L. (2018) Influence of prior knowledge on statistical learning of music. International Conference on Music Perception and Cognition, Graz, Austria.
228. Loeffler, J., Kenny, S., Ghorbani, S., Raab, M., Cañal-Bruland, R., Troje, N. F. (2018) Der Einfluss inkongruenter visueller und propriozeptiver Information auf kinematische Parameter. Jahrestagung der Arbeitsgemeinschaft für Sportpsychologie (asp), Cologne.
227. Kurz, J., Helm, F., Troje, N. F., Munzert, J. (2018) Einfluss verschieden detaillierter Stimuli auf die Bewegungswahrnehmung. Jahrestagung der Arbeitsgemeinschaft für Sportpsychologie (asp), Cologne.
226. Helm, F., Canal-Bruland, R., Mann, D. L., Troje. N. F., Munzert, J. (2018) Anticipation and the use of probabilistic information in the presence of ambiguous movement kinematics. North American Society for the Psychology of Sport and Physical Activity, Denver [Abstract published in Journal of Sport and Exercise Psychology 40:S18]
225. Eftekharifar, S., Troje, N. F. (2018) Visual-motor mapping in VR: Detection thresholds for distortions of hand position. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 18(10):68]
224. Troje, N. F., Rosen, D., Eftekharifar, S. (2018) Facial orientation biases in visual vs. pictorial space. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 18(10):514]
223. Veto, P., Uhlig, M., Troje, N. F., Einhäuser, W. (2018) Cognitive models modulate action-perception coupling in perceptual multistability. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 18(10):669]
222. Troje, N.F. (2018) The dynamics of human action: Perception of kinematics and body shape. Matariki CONNECT Conference: Computational Neuroscience of Event Cognition, Otago, NZ.
221. Cui, A.-X., Malcolm, P. M., Müller, T. S., Troje, N. F., Cuddy, L. L. (2018) The influence of prior knowledge on sensitivity to statistical information in music. Spring School 2018 “Language, Music, and Cognition: Organizing Events in Time”, Cologne, Germany.
220. Ross, G. B., Dowling, B., Troje, N. F., Fischer, S. L., Graham, R. B. (2017) Objectively differentiating whole-body movement patterns and quality in athletes. XXVI Congress of the International Society of Biomechanics, Brisbane, Australia.
219. Weech, S., Troje, N. F. (2017) The influence of noisy vestibular stimulation on perception in virtual reality. 6th International Conference on Visually Induced Motion Sensations (VIMS), Toronto.

218. Helm, F., Troje, N. F., Munzert, J. (2017) Kinematic dissimilarity influences the perceptual discriminability of linearly morphed deceptive and non-deceptive team handball penalties. North American Society for the Psychology of Sport and Physical Activity, San Diego [Abstract published in Journal of Sport and Exercise Psychology 39:S135]
217. Cui, A.-X., Dederichs, M., Troje, N. F. , Cuddy, L. (2017) Characterization of newly gained statistical knowledge of an unfamiliar music system 25th Anniversary Edition of the European Society for the Cognitive Sciences of Music (ESCOM).
216. Chang, D. , Hiroshi, B., Ikegaya, Y., Fujita, I, Troje, N. F. (2017) Subcortical and cortical responses to local biological motion as revealed by fMRI and MEG. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 17:64]
215. Honda, C., Troje, N. F. (2017) Shape and motion integration in people perception depends on the action of the performer. LOVE Conference, Niagara Falls.
214. Moon, J., Weech, S., Troje, N. F. (2017) Determining the effects of bone-conduncted vibrations on simulator sickness during virtual-reality simulations. LOVE Conference, Niagara Falls.
213. Li, Z., Troje, N. F. (2017) Biological motion perception: Changes in perception across different answer modes. LOVE Conference, Niagara Falls.
212. Honda, C., Troje, N. F. (2017) Shape and motion integration in people perception depends on the action of the performer. Inquiry@Queen's 11th Annual Undergraduate Research Conference, Kingston, Ontario.
211. Bottari, D., Kekunnaya, R., Hense, M., Sourav, S., Balachandar, R., Troje, N., & Röder, B. (2016). The effect of a transient congenital visual deprivation on the neural systems for visual and sound motion processin. Paper presented at Society for Neuroscience, San Diego.
210. Cui, A.-X., Diercks, C., Troje, N. F., Cuddy, L. L. (2016) Statistical learning of novel musical material: Evidence from an experiment using a modified probe tone profile paradigm and a discrimination task. 14th International Conference for Music Perception and Cognition. San Francisco.
209. Helm, F., Munzert, J., Troje, N. F. (2016) Deceptive and non-deceptive penalties in team handball: Linear classification and characterization of movement patterns. North American Society for the Psychology of Sport and Physical Activity, Montreal [Abstract published in Journal of Sport and Exercise Psychology 38:S66]
208. Chang, D. H. F., Ban, H., Troje, N. F. (2016). Dissociating global and local biological motion processing in the human brain. European Conference on Visual Perception, Barcelona, Spain.
207. Troje, N. F., Bieg, A., Mahmood, N., Mohler, B., Black, M. (2016) People perception: Attractiveness from shape and motion Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision, 16:394]
206. Helm, F., Weech, S., Munzert, J., Troje, N. F. (2016) Spatiotemporal dissimilarity influences the perceptual discriminability of deceptive and non-deceptive throwing. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 16:278 ]
205. Kenny, S., Troje, N. F. (2016) Effects of movement-shape inconsistencies on perceived weight of lifted boxes. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 16:276, ]
204. Veto, P., Einhäuser, W., Troje, N. F. (2016) Biological motion distorts size perception. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision 16:282]
203. Weech, S., Konar, Y., Troje, N. F. (2016) Vection is facilitated by bone conducted vibration and galvanic vestibular stimulation. Vision Science Society meeting, St Pete Beach, FL. [Abstract published in: Journal of Vision, 16:1203]
202. Phillipou, A., Rossell, S. L., Castle, D. J., Gurvich, C., Hughes, M. E., Nibbs, J. B., Troje, N. F., Abel, L.

A. (2016) Saccadic control in anorexia nervosa: Implications for the potential neurobiological underpinnings of anorexia nervosa. Annual meeting of the Society for Biological Psychiatry, Atlanta.

201. Reid, T., Theunissen, L., Troje, N. F. (2016) Pecking accuracy in pigeons is controlled during stop phases. Canadian Society for Brain, Behaviour and Cognitive Science 26th Annual Meeting, Ottawa.
200. Troje, N. F., Theunissen, L. (2016) Head-bobbing in pigeons: Vision or biomechanics? Annual meeting of the Society for Experimental Biology, Brighton UK.
199. Michalak, J., Rohde, K., Mischnat, J. & Troje, N. F. (2015). Our body affects what we remember – the effects of bodily manipulation on negative memory bias. 45. Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), Jerusalem, Israel.
198. Weech, S., Gale, D. J., Troje, N. F. (2015) Interactions between viewing from above and global convexity priors in the interpretation of depth-ambiguous shape-from-contour drawings. Vision Science Society meeting, St Pete Beach, FL. [abstract published in: Journal of Vision 15 (12), 736]
197. Bach, M., Frommherz, V., Lagrèze, W. A., Troje, N. F. (2015) Biological motion: At what age do we recognize boys and girls? Vision Science Society meeting, St Pete Beach, FL. [abstract published in: Journal of Vision 15 (12), 492]
196. Bottari, D., Troje, N. F., Ley, P., Hense, M., Kekunnaya, R., Röder, B. (2015) Independent developmental trajectories for biological motion and face processing. International Multisensory Research Forum, Pisa.
195. Helm, F., Troje, N. F., Reiser, M. & Munzert, J. (2015) Bewegungsanalyse getäuschter und nicht-getäuschter 7m-Würfe im Handball. 47. Jahrestagung der Arbeitsgemeinschaft für Sportpsychologie, Freiburg.
194. Baetz-Dougan, M., Troje, N. F. (2014) How Does Variable Response Effort Influence Risk-Sensitive Decision Making in Pigeons? 24th Annual Meeting of CSBBCS, Toronto.
193. Fini, C., Bardi, L., Troje, N., Committeri, G., Brass, M. (2014) Simulation of intended walking action shapes extrapersonal space perception. European Conference for Visual Perception, Belgrade, Serbia.
192. Heenan, A., Baetz-Dougan, M., Tao, C., Troje, N. F. (2014) Effects of anxiety on the perception of depth-ambiguous biological motion stimuli are mediated by inhibitory ability 24th Annual Meeting of CSBBCS, Toronto.
191. Heenan, A., Best, M. W., Ouellette, S. J., Meiklejohn, E., Troje, N. F., Bowie C. R. (2014) Assessing threat responses towards the symptoms and diagnosis of schizophrenia by measuring visual perceptual biases. 4th Biennial Schizophrenia International Research Society Conference. Florence, Italy. [Abstract published in Schizophrenia Research 153: S263].
190. Heenan, A., Troje, N. F. (2014) Physical exercise reduces the facing-the-viewer bias for biological motion stimuli. Vision Science Society meeting, St Pete Beach, FL. [abstract published in: Journal of Vision 14 (10), 1015]
189. Kenny, S., Troje, N. F. (2014) Changes in camera elevation dictate perception of pointlight walkers' facing direction. Vision Science Society meeting, St. Pete Beach, FL. [abstract published in: Journal of Vision 14 (10), 1017].
188. Weech, S., Troje, N. F. (2014) Stick figures and point-light displays: Effects of inversion on the facing-the-viewer bias Vision Science Society meeting, St Pete Beach, FL. [abstract published in: Journal of Vision 14 (10), 1024].
187. Bottari, D., Troje, N., Ley, P., Shenoy, B., Kekunnaya, R., & Röder, B. (2013). Early visual experience is necessary to shape global motion neural system but not biological motion. Paper presented at

Society for Neuroscience.

186. Cui, A. X., Collett, M. Troje, N. F., Cuddy, L. (2013) Familiar, but I don't know about pleasantness: Acquisition and generalization of modal pitch distributions. Poster presented at the 12th Annual Auditory Perception, Cognition and Action Meeting (APCAM), Toronto.
185. Heenan, A., Best, M. W., Ouellette, S. J., Meiklejohn, E., Troje, N. F., Bowie C. R. (2013) Assessing threat responses towards individuals with schizophrenia using visual perceptual biases. Invited talk given at the Eighth Conference of the Heads Up! Early Psychosis Intervention Program, Kingston, Ontario.
184. Konar, Y., Troje, N. F. (2013) Biological motion perception in the elderly. Poster presented at the Meeting of the Canadian Association for Neuroscience, Toronto.
183. Troje, N. F., Kenny, S., Weech, S. (2013) Does linear perspective resolve depth ambiguity in biological motion displays? Poster presented at the Meeting of the Canadian Association for Neuroscience, Toronto.
182. Weech, S., Troje, N. F. (2013) Representational differences influencing the facing-the-viewer bias in the perception of ambiguous figures. Poster presented at the Meeting of the Canadian Association for Neuroscience, Toronto.
181. Troje, N. F., Kenny, S. Weech, S. (2013) Can we perceive linear perspective in biological motion point-light dispays? Poster presented at the Vision Science Society meeting, Naples, FL.
180. Weech, S., Troje, N. F. (2013) Does a convexity prior explain the facing-the-viewer bias in the perception of biological motion? Poster presented at the Vision Science Society meeting, Naples, FL.
179. Refling, E. J., Heenan, A., Troje, N. F., MacDonald, T. K. (2013) Attachment anxiety and loneliness affect physical perceptions of ambiguous figures. Paper presented at the Annual Meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
178. Hirai, M, Chang, D. H. F., Saunders, D., Troje, N. F. (2012) Modulation of local inversion effect in biological motion perception by body structure. Paper presented at the 30th Annual Meeting of the Japanese Society of Basic Psychology [Abstract published in: Vol. 30, No. 2, pp. 231-232].
178. Rohde, K., Troje, N. F., Michalak, J. (2012) Gait feedback and memory bias. Paper presented at the 17th Herbstakademie, Heidelberg, Germany.
177. Kroker, A. M., Li, Q., Troje, N. F. (2012) Control errors during head-bobbing in pigeons. Poster presented at the International Congress of Neuroethology, College Park, ML.
176. Troje, N. F., Kroker, A. M., Bobyn, K., Li, Q. (2012) Function and biomechanics of head-bobbing in pigeons. Poster presented at the International Congress of Neuroethology, College Park, ML.
175. Troje, N. F., Bobyn, K., Kroker, A. M., Li, Q. (2012) Biomechanics of head-bobbing in pigeons. Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.
174. Williamson, K. E., Jakobson, L. S., Saunders, D. R., Troje, N. F. (2012) Biological motion perception in children born very prematurely. Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.
173. Heenan, A., Refling, E. J., MacDonald, T. K., Troje, N. F. (2012) Loneliness and attachment anxiety affect the viewing-from-above bias while viewing stick-figure walkers. Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.
172. Konar, Y., Troje, N. F. (2012) Body inversion and biological motion inversion: What is the relation? Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.

171. Weech, S., Troje, N. F. (2012) Ups and downs in the relation between complexity and aesthetics: A historical perspective. Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.
170. Kroker, A. M., Bobyn, K., Li, Q., Troje, N. F. (2012) Control errors during the hold phase of head-bobbing in pigeons. Poster presented at the 22th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON.
169. Troje, N. F., Lau, S. (2012) Perceived naturalness of human motion depends on internal consistency. Poster presented at the Vision Science Society meeting, Naples, FL.
168. Heenan, A., Troje, N. F. (2012) Exploring individual differences in perceptual biases in depth-ambiguous point-light walkers. Poster presented at the Vision Science Society meeting, Naples, FL.
167. Michalak, J., Burg, J., Heidenreich, T. & Troje, N. F. (2011). Embodiment, mindfulness, and depression. Paper presented at the Congress of the European Association for Behavioural and Cognitive Therapies (EABCT), Reykjavik , Iceland.
166. Troje, N. F. (2011) Perceiving people: Visual perception of biological motion. Keynote lecture presented at ACM/Eurographics Symposium on Computer Animation 2011.
165. Saunders, D. R., Troje, N. F. (2011) A test battery for assessing biological motion perception. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 11(11), 686]
164. Troje, N. F., Davis, M. (2011) Bootstrapping a prior? Effects of experience on the facing bias in biological motion perception. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 11(11), 692]
163. Troje, N. F., Saunders, D. R. (2011) The multiple faces of biological motion perception. Paper presented at the Symposium “Cognitive Neuroscience of Multimodal Person Perception” at the 18th Annual Meeting of the Cognitive Neuroscience Society, San Francisco.
162. König, A., Schölmerich, A., Troje, N. F. (2010) Attractiveness-ratings of point-light-walkers - A new method to detect pedophilia in child molesters. Paper presented at the 2010 Stockholm Criminology Symposium.
161. Troje, N. F., McAdam, M. (2010) What causes the facing-the-viewer bias in biological motion? Paper presented at the European Conference for Visual Perception. [Abstract published in Perception 39:150 ECVP Abstract Supplement]
160. Troje, N. F. and Aust, U. (2010) Biological motion perception in pigeons: Global shape or local motion? Poster presented at the 9th International Congress for Neuroethology, Salamanca, Spain.
159. Roddy, G., Saunders, D., Troje, N. F., Gurnsey, R (2010) Noise complicates everything: biological motion, attention and dual task performance. Poster presented at the 20th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Halifax, NS.
158. McAdam, M. Troje, N. F. (2010) The silhouette illusion: Evidence for a viewing-from-above bias. Poster presented at the 20th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Halifax, NS.
157. Troje, N. F. (2010) Gait analysis in the brain: What the visual system knows about biomechanics. Keynote lecture presented at the 16th Biannual Meeting of the Canadian Society for Biomechanics, Kingston, Ontario.
156. Michalak, J., Troje, N. F. & Heidenreich, T. (2010). Embodied effects of Mindfulness-based Cognitive Therapy. Paper presented at the World Congress of Behavioral and Cognitive Therapies, Boston, USA.

155. Michalak, J., Troje, N. F. & Heidenreich, T. (2010). Embodiment und Depression. Paper presented at the 28. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie, Mainz, Germany. [Abstract published in: Zeitschrift für Klinische Psychologie und Psychotherapie 39, 26]
154. Troje, N. F. (2010) Perceptual biases in biological motion perception and other depth-ambiguous stimuli. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 10(7), 792]
153. Saunders, D. R., Williamson, D. K., Troje N. F. (2010) Distributions of fixations on biological motion displays depend on the task: Direction discrimination vs. gender classification. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 10(7), 795]
152. Hirai, M., Saunders D. R., Troje, N. F. (2010) Local motion versus global shape in biological motion: A reflexive orientation task. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 10(7), 786]
151. Chang, D. H. F., Troje, N. F. (2010) Searching for a "super foot" with evolutionary-guided adaptive psychophysics. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 10(7), 784].
150. Chang, D. H. F., Harris, L. R., Troje, N. F. (2009) Gravity exploited as a frame of reference for the perception of biological motion but not faces. Paper presented at Society for Neuroscience, Washington DC.
149. Chang, D. H. F., Harris, L. R., Troje, N. F. (2009) Reference frames for biological motion and face perception. Poster presented at the CVR Vision Conference, Toronto.
148. Chang, D. H. F., Troje, N. F. (2009) Visual sensitivity to acceleration: Effects of motion orientation, velocity, and size. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 9(8), 686]
147. Gurnsey, R., Troje, N. F. (2009) Stimulus magnification compensates for eccentricity dependent sensitivity loss for first and second order biological motion stimuli. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 9(8), 610]
146. Legault, I., Troje, N. F., Faubert, J. (2009) Biological motion targets have to be further away in virtual space for older versus younger adults to maintain good performance. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 9(8), 621]
145. Roddy, G., Troje, N. F., Gurnsey, R. (2009) Peripheral sensitivity to biological motion is unaffected by dividing attention. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 9(8), 604]
144. Troje, N. F., Rutherford, M. D. (2009) Intact biological motion processing in adults with autism. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 9(8), 624]
143. Perry, A., Troje, N. F., Bentin, S. (2009) Motor System contributions to social interaction skills: Evidence from EEG activity in the mu frequency range. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco.
142. König, A., Schölmerich, A., Troje, N. F. (2008) Implizite Erfassung sexueller Präferenz bei Kindesmissbrauchern und Kontrollprobanden durch Point-Light-Walker. Paper presented at the 23. Münchener Herbsttagung der Arbeitsgemeinschaft für forensische Psychiatrie.
141. Murphy, P., Brady, N., Troje, N. F. (2008) Perception of biological motion in individuals with autism spectrum. Poster presented at European Conference of Visual Perception (ECVP), Utrecht. [Abstract published in: Perception 37 ECVP Abstract Supplement, page 113].

140. Ware, E. L. R., Saunders, D. R., Troje, N. F (2008) Intersubjectivity in Pigeon Courtship: Does it exist? 45th Annual Meeting of the Animal Behavior Society, Snowbird, Utah.
139. Troje, N. F. (2008) Reference frames for biological motion inversion effects. Poster presented at European Conference of Visual Perception (ECVP), Utrecht. [Abstract published in: Perception 37 ECVP Abstract Supplement, page 151].
138. Michalak, J. Troje, N. F., Schulte, D. Heidenreich, T. (2008). Does mindfulness change the way people walk? Paper presented at the International Congress of Psychology, Berlin, Germany. [Abstract published in: International Journal of Psychology 43, 219]
137. Holland, G., Mody, S., Troje, N. F. (2008) Person identification across actions from biological motion. Poster presented at the Annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, London, Ontario. [Abstract published in: Canadian Journal of Experimental Psychology 62/4, 276]
136. Saunders, D. R., Gurnsey, R., Troje, N. F. (2008) Azimuth discrimination thresholds for global and local biological motion. Poster presented at the Annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, London, Ontario. [Abstract published in: Canadian Journal of Experimental Psychology 62/4, 291]
135. Chang, D.H.F., Troje, N. F. (2008) Acceleration underlies the local inversion effect in biological motion perception. Paper presented at the Annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, London, Ontario. [Abstract published in: Canadian Journal of Experimental Psychology 62/4, 304]
134. Troje, N. F. (2008) Something in the way she moves: The perception of biological motion. Paper presented at the 5th Science Center World Congress, Toronto. Invited talk!
133. Holland, G., Mody, S., Troje, N. F. (2008) Person identification across actions from biological motion. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 8(6), 912]
132. Chang, D. H. F., Troje, N. F. (2008) The local inversion effect in biological motion perception is acceleration-based. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 8(6), 911]
131. Willamson, K. E., Jakobson, L. S., Troje, N. F. (2008) A right-facing bias in the processing of biological motion? Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 8(6), 913]
130. Gurnsey, R., Ouhnana , M., Troje, N. F. (2008) Perception of Biological Motion Across the Visual Field. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 8(6), 901]
129. Thurman, S., Pyles, J., Troje, N. F. (2008) Critical temporal windows for natural point-light gender discrimination. Poster presented at the Vision Science Society meeting, Naples, FL. [Abstract published in: Journal of Vision, 8(6), 907]
128. Kuhlmeier, V., Troje, N. F., Lee, V. (2008) Detection of motion direction in point light walkers by 6-month-olds. Poster presented at the International Conference for Infant Studies, Vancouver.
127. Troje, N. F. (2008) Lessons from the Development of Sensitivity to Biological Motion: A Discussion. Paper presented at the International Conference for Infant Studies, Vancouver.
126. Troje, N. F. (2007) Empirical investigations of people and pigeons. Paper presented at the CIAR NCAP Meeting, Vancouver.
125. Freitag, C., Konrad, C., Häberlen, M., v. Gontard, A., Reith, W., Troje, N. F., Krick, C. (2007) Sense for biological movement for autistic disorder – a fMRI study. Poster presented at the DGPPN Kongress, Berlin. [Abstract published in: Nervenarzt 78:S259]

124. Konrad, C., Häberlen, M., v. Gontard, A., Reith, W., Troje, N. F., Krick, C., Freitag, C. (2007) Anatomic correlate of the impaired sense of biological motions for autistic disorder – A voxel based morphometric study. Poster presented at the DGPPN Kongress, Berlin. [Abstract published in: Nervenarzt 78:S260]
123. König, A, Schölmerich, A. and Troje, N. F. (2007) Geschlechtsspezifische Entwicklung der Anatomie und Gangdynamik im Kindes- und Jugendalter. Poster presented at the 18. Fachtagung Entwicklungspsychologie, Heidelberg.
122. Hess, R. F., Thompson, B., Hansen, B., and Troje, N. F. (2007) Peripheral vision: Good for biological motion, bad for signal noise segregation. Paper presented at European Conference of Visual Perception (ECVP), Arezzo. [Abstract published in: Perception 36:S62]
121. Troje, N. F. and Ware, E. L. R. (2007) Contingency and contiguity in pigeon courtship behaviour. Paper presented at the International Ethological Conference, Halifax.
120. Saunders, D., Suchan, S. and Troje, N. F. (2007) Point-light walkers with and without local motion features for determining direction. Poster presented at the CVR Vision Conference, Toronto.
119. Chang D. H. F. and Troje, N. F. (2007) Perception of animacy and direction from point-light displays. Poster presented at the CVR Vision Conference, Toronto.
118. Ware, E. L. R. and Troje, N. F. (2007) Vision for interaction: Animals perceive interactive parameters of visual signal exchange. Poster presented at the CVR Vision Conference, Toronto.
117. Halevina, A. and Troje, N. F. (2007) Sex classification of point-light walkers: Viewpoint, structure, kinematics. Poster presented at the CVR Vision Conference, Toronto.
116. Chang, D. H. F. and Troje, N. F. (2007) Animacy and direction from point-light displays: Is there a life detector? Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 481]
115. Troje, N. F. and Chang, D. H. F. (2007) Psychophysical dissociation between global and local mechanisms in biological motion perception. Paper presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 552]
114. Williamson, K., Jakobson, L. and Troje, N. F. (2007) Life detection in central and peripheral vision. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 484]
113. Thompson, B., Hansen, B. C., Hess, R. F., and Troje, N. F. (2007) Ambliopic perception of biological motion. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 485]
112. Pietrowski, A., Jakobson, L., and Troje, N. F. (2007) Biological motion perception in healthy elderly. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 486]
111. Halevina, A. and Troje, N. F. (2007) Sex-classification of point-light walkers: Viewpoint, structure, kinematics. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 483]
110. Saunders, D., Suchan, J. and Troje, N. F. (2007) Point-light walkers with and without local motion features for determining direction. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 7(9), 482]
109. Ware E. and Troje, N. F. (2007) Pigeon courtship is sensitive to social contiguity but not social contingency. Paper presented at the International Conference on Comparative Cognition, Melbourne, Florida.
108. Hohmann, T., Munzert, J., and Troje, N. F. (2007) Expert versus novice differences in the perception of basketball dribbles. Paper presented at the Annual Meeting of the

Arbeitsgemeinschaft für Sportpsychologie, Munich, Germany. [Abstract published in: Journal of Sport and Exercise Psychology 29:S86]

107. Michalak, J., Troje, N.F, Schulte, D., Heidenreich, T. (2006) Mindful walking–associations between depression, mindfulness and gait patterns. Paper presented at the 36th Congress of the European Association for Cognitive and Behavioural Therapies (EABCT), Paris.
106. Apfalter, W., Steurer, M. M., Troje, N. F., and Huber, L. (2006) Categorical versus dimensional perception of human faces by pigeons using a multiple-matching procedure. Poster presented at European Conference of Visual Perception (ECVP), St. Petersburg. [Abstract published in: Perception 35:S144]
105. Troje, N. F. (2006) CONSPEC, CONLEARN, and the inversion effect in biological motion perception. Paper presented at International Symposium on Social Cognition as Higher Brain Function, Keio University, Tokyo.
104. Puca, R. M., Rinkenauer, G., and Troje, N. F. (2006) Wish you were here: Peoples need for affiliation influences their perception of ambiguous point-light walkers. Poster presented at European Conference of Visual Perception (ECVP), St. Petersburg. [Abstract published in: Perception 35:S107]
103. König, A., Schölmerich, A., and Troje, N. F. (2006) Visual Ratings of Point-Light-Walkers - A New Method to Detect Paedophilic Interests? Annual Meeting of the International Association for Treatment of Sex Offenders. Hamburg, Germany.
102. Troje, N. F. (2006) Levels of biological motion. Paper presented at the VSS Workshop: Biological Motion - The State and Future of the Art. Sarasota, FL.
101. Troje, N. F., and Szabo, S. (2006) Why is the average walker male? Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 6(6), 1034a, http://journalofvision.org/6/6/1034]
100. Sadr, J., Troje, N. F., and Nakayama, K. (2006) A pedestrian courtship: attractiveness and symmetry of human walking. Paper presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 6(6), 797a, http://journalofvision.org/6/6/797]
99. Bockemühl, T., Troje, N. F., and Dürr, V. (2006) Principal components as motor synergies of human catching movements. Paper presented at the Annual Meeting of the Society for Experimental Biology, Canterbury, UK. [Abstract published in: Abstr. Ann. Main Meeting Soc. Exp. Biol., p. 110]
98. Saunders, D., and Troje, N. F. (2006) Automated measurements of coordination in courting pigeons. Poster presented at the International Conference on Comparative Cognition, Melbourne, Florida.
97. Troje, N. F. (2005) Orientation specificity in biological motion perception: Evidence for a general “life detector”? Paper presented at the CIAR NCAP Meeting, Vancouver.
96. Troje, N. F. (2005) Levels of biological motion perception. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Toronto. [Abstract published in: Abstracts of the Psychonomic Society 10, p. 32]
95. Sadr, J., Troje, N. F., and Nakayama, K. (2005) Axes vs averages: High-level representations of dynamic point-light forms. Paper presented at OPAM (Object Perception, Attention, Memory), Toronto.
94. Westhoff, C., and Troje, N. F. (2005) Personenidentifikation anhand von biologischer Bewegung – strukturelle und kinematische Parameter. Forschungs-Symposium Sonification, Cologne, Germany.
93. Nathaniel, T., Güntürkün, O., Manns, M. and Troje, N. F. (2005) Head-bobbing in pigeons under stroboscopic illumination. Poster presented at the Canadian Society for Brain, Behaviour and

Cognitive Science 15th Annual Meeting, Montreal.

92. Troje, N. F. (2005) Local and global information in biological motion. Paper presented at the CIAR workshop: Extracting Human Motion from Video, Toronto.
91. Loidolt, M., Troje, N. F. and Huber L. (2005) Discrimination of biological motion patterns by pigeons. Poster presented at the International Ethological Conference, Budapest, Hungary.
90. Provost, M., Troje, N. F. and Quinsey, V. (2005) Variations in gait across the menstrual cycle. Paper presented at the Conference of the Human Behavior and Evolution Society, Austin, Texas.
89. Gibson L. A., Sadr, J., Troje, N. F. and Nakayama, K. (2005) Perception of biological motion at varying eccentricity. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 5(8), 16a, http://journalofvision.org/5/8/16]
88. Jokisch, D., Daum, I., Koch, B., Schwarz, M. and Troje, N. F. (2005) Biological motion versus coherent motion perception: The role of the cerebellum. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 5(8), 934a, http://journalofvision.org/5/8/934]
87. Sadr, J., Troje, N. F. and Nakayama, K. (2005) Attractiveness, averageness, and sexual dimorphism in biological motion. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 5(8), 943a, http://journalofvision.org/5/8/943]
86. Troje, N. F. and Westhoff, C. (2005) Detection of direction in scrambled motion: a simple “life detector”? Paper presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 5(8), 1058a, http://journalofvision.org/5/8/1058]
85. Troje, N. F. (2005) Data driven information retrieval from human gait. Paper presented at the Annual Meeting of the Gait and Clinical Movement Analysis Society, Portland, USA.
84. Vocks, S., Legenbauer, T., Kiszkenow, S., Troje, N. F., Schulte, D. (2005) Körperbildtherapie bei Essstörungen: Beeinflussung der perzeptiven, kognitiven, affektiven und behavioralen Körperbildkomponente. Paper presented at the 10. Kongress der Deutschen Gesellschaft für Verhaltensmedizin und Verhaltensmodifikation (DGVM), München, Germany.
83. Jimenez Ortega, L., Güntürkün, O. and Troje, N. F. (2005) Interocular transfer in pigeons between the two yellow fields. Poster presented at the 30th Göttingen Neurobiology Conference. [Abstract published in: Elsner, N. and Zimmermann, H. (eds.): Proceedings of the 30th Göttingen Neurobiology Conference and the 6th Meeting of the German Neuroscience Society 2005, p. 180A, Georg Thieme, Stuttgart]
82. Bockemühl, T, Dürr, V. and Troje, N. F. (2005) A small set of principal components can efficiently describe human arm movement. Poster presented at the 30th Göttingen Neurobiology Conference. [Abstract published in: Elsner, N. and Zimmermann, H. (eds.): Proceedings of the 30th Göttingen Neurobiology Conference and the 6th Meeting of the German Neuroscience Society 2005, p. 85A, Georg Thieme, Stuttgart]
81. Jimenez Ortega, L. and Troje, N. F. (2004) Why do birds bob their heads? Poster presented at the Winter Meeting of the Association for the Study of Animal Behaviour: Phylogenies and Behaviour, London.
80. Troje, N. F. (2004) The correlative nature of biological motion patterns: data driven motion analysis. Paper presented at the 11th Altenberg Workshop in Theoretical Biology, Altenberg, Austria.
79. Troje, N. F. (2004) Perception of biological motion and the work of Etienne-Jules Maray. Paper presented at the 21ème congrès du Club Locomotion et Motricité Rythmique (keynote lecture). Beaune, France.
78. Vocks, S., Legenbauer, T., Troje, N.F., Hupe, C., Lumma, C., Stadtfeld-Oertel, P., Rudolph, M.,

Schulte, D. (2004) Statisches und dynamisches Körperbild Anorexia und Bulimia nervosa. Poster presented at the 22. Symposium Klinische Psychologie und Psychotherapie, Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie, Halle, Germany.

77. Vocks, S., Legenbauer, T., Troje, N.F., Hupe, C., Rüddel, H., Stadtfeld-Oerteld, P., Rudolph, M., Schulte, D. (2004) Static and dynamic body image in anoresiy and bulimia nervosa. Poster presented at the European Congress of Behaviour and Cognitive Therapies of the European Association of Cognitive and Behavioural Therapies, Manchester, UK.
76. Legenbauer, T., Vocks, S., Troje, N.F., Betz, S., Rudolph, Rüddel, H., M., Schulte, D. and Hiller, W. (2004) To what extent do obese binge eaters show body image distortions? Poster presented at the European Congress of Behaviour and Cognitive Therapies of the European Association of Cognitive and Behavioural Therapies, Manchester, UK.
75. Nathaniel, I.T. , Güntürkün, O., Manns M. and Troje, N. F. (2004) Nucleus triangularis: anatomical evidence of efference copy for head-bobbing in pigeons. Poster presented at the 7th International Congress for Neuroethology, Nyborg, Denmark.
74. Jiménez Ortega, L., Troje, N.F. and Güntürkün, O. (2004) Limits of intraocular transfer in pigeons. Poster presented at the 7th International Congress for Neuroethology, Nyborg, Denmark.
73. Troje, N.F. (2004) Retrieving information from biological motion. Paper presented at the Canadian Society for Brain, Behaviour and Cognitive Science 14th Annual Meeting, St. John's, NF.
72. Vocks, S., Legenbauer, T., Troje, N.F., Zumfelde, M., and Hildenbrand, S. (2004) Static and dynamic body image and eating disorders among non-professional ballet dancers. Poster presented at the Eighth International Congress of Behavioral Medicine, Mainz, Germany.
71. Nathaniel I.T., Troje N.F., Güntürkün O. and Manns M. (2004) Efference copy: The motoric command for head-bobbing in pigeons. Poster presented at the ECNP Workshop on Neuropsychopharmacology. [Abstract published in: European Neuropsychopharmacology, vol. 14. suppl.1; 34-35]
70. Westhoff, C. and Troje, N.F. (2004) Person identification from biological motion: information content of discrete Fourier components. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 4(8), 217a, http://journalofvision.org/4/8/217]
69. Troje, N.F. (2004) Inverted gravity, not inverted shape impairs biological motion perception. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 4(8), 227a, http://journalofvision.org/4/8/227]
68. Jokisch, D., Daum, I., and Troje, N.F. (2004) Self recognition versus recognition of others by biological motion: Viewpoint-dependent effects. Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 4(8), 237a, http://journalofvision.org/4/8/237]
67. Westhoff, C. and Troje, N.F. (2004) Identification of point light walkers from varying viewpoints. Poster presented at the Tagung experimentell arbeitender Psychologen (TEAP).
66. Westhoff, C. and Troje, N.F. (2004) Person identification from biological motion: viewpoint dependencies. Poster presented at the 7th Tübinger Wahrnehmungskonferenz. [Abstract published in: Bülthoff, H.H., Mallot, H.A., Ulrich, R.D., Wichmann, F. A. (eds.): 7th Tübingen Perception Conference Proceedings, p.179, Knirsch Verlag, Kirchentellinsfurt]
65. Jokisch, D., Daum, I., Troje, N. F. (2004) Recognizing friends from different viewpoints: biological motion as cue for identity. Poster presented at the 7th Tübinger Wahrnehmungskonferenz. [Abstract published in: Bülthoff, H.H., Mallot, H.A., Ulrich, R.D., Wichmann, F. A. (eds.): 7th Tübingen Perception Conference Proceedings, p.186, Knirsch Verlag, Kirchentellinsfurt]

64. Jokisch, D., Kress, T., Daum, I., and Troje, N. F. (2003) Encoding and recognition of biological motion: An event related potential study. Poster presented at Neuro-Visionen: Hirnforschung im 21. Jahrhundert, Düsseldorf.
63. Jimenez-Ortega, L., and Troje, N.F. (2003) Differential motion parallax as a monocular depth cue? Poster presented at Neuro-Visionen: Hirnforschung im 21. Jahrhundert, Düsseldorf.
62. Troje, N. F. and Bach, M. (2003) Adaptation: The psychophysicist's microelectrode. Symposium at the 29th Göttingen Neurobiology Conference 2003. [Abstract published in: Elsner, N. and Zimmermann, H. (eds.): Proceedings of the 29th Göttingen Neurobiology Conference and the 5th Meeting of the German Neuroscience Society 2003, p. 121, Georg Thieme, Stuttgart]
61. Troje, N. F. and Geyer, H. (2003) High level after-effects in biological motion perception. Paper presented at the 29th Göttingen Neurobiology Conference. [Abstract published in: Elsner, N. and Zimmermann, H. (eds.): Proceedings of the 29th Göttingen Neurobiology Conference and the 5th Meeting of the German Neuroscience Society 2003, p. 125, Georg Thieme, Stuttgart]
60. Huber, L., Loidolt, L. and Troje, N. F. (2003) Viewpoint-dependent recognition of depth-rotated objects by pigeons. Paper presented at the International Ethology Conference, Brazil.
59. Troje, N. F. (2003) Gender and attractiveness from biological motion. Paper presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 3(9), 86a, http://journalofvision.org/3/9/86]
58. Jimenez-Ortega, L. and Troje, N. F. (2003) Differential motion parallax as a monocular depth cue? Poster presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 3(9), 855a, http://journalofvision.org/3/9/855]
57. Jokisch, D., Troje, N. F., Kress T. and Daum, I. (2003) Inversion effects on the structural encoding and recognition of biological motion. Paper presented at the Vision Science Society meeting, Sarasota, FL. [Abstract published in: Journal of Vision, 3(9), 87a, http://journalofvision.org/3/9/87]
56. Johnston, A., Watson, T. L., Hill, H.C.H., Troje, N. F. (2003) Viewpoint invariance of facial movement. Paper presented at the 13th conference of the European Society for Cognitive Psychology, Sept. 17 - 20, 2003, Granada, Spain.
55. Troje, N. F. (2003) Motion Mining: Retrieving information from human walking patterns. Invited talk presented at the EURESCO Conference on Three Dimensional Sensory and Motor Space, Acquafredda di Maratea, Italy.
54. Jokisch, D., Troje, N. F., Kress T. and Daum, I. (2003) Event-related brain potentials distinguish processing stages involved in the perception of biological motion. Poster presented at the EURESCO Conference on Three Dimensional Sensory and Motor Space, Acquafredda di Maratea, Italy.
53. Patton, T., Yelda, S., Buschmann, J.-U., Troje, N. F. and Shimizu, T. (2003) Courtship displays of male pigeons can be triggered by video-taped and computer animated pigeons. Paper presented at the International Conference on Comparative Cognition, Melbourne, FL.
52. Troje, N. F. (2002) Decomposing biological motion: Analysis and Synthesis. Paper presented at ESRC Workshop on Exaggeration and Visual Categorisation, Glasgow.
51. Troje, N. F. and Geyer, H. (2002) High level after-effects in biological motion perception. Paper presented at European Conference of Visual Perception (ECVP) 2002, Glasgow.[Abstract published in Perception 31:S152]
50. Cunningham, D. W., Thornton, I. M., Troje, N. F., and Bülthoff H. H. (2002) Searching for gender-from-motion. Poster presented at European Conference of Visual Perception (ECVP) 2002, Glasgow. [Abstract published in Perception 31:S120]

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