M.A.B. Brinkhuis, J.W. Brascamp, B.M. Harvey and Á. Kristjánsson (in prep) Temporal characteristics of priming of pop-out are mirrored by BOLD response patterns in the frontoparietal attention network.

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F100 Prime recommendation by B. Cumming (2013)


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BOOK CHAPTERS


REFEREED ABSTRACTS


J.W. Brascamp, C.S. Qian and A. Mareschi (2018) Do we understand the paradoxical effect of attention on visual adaptation? VSS 18, St. Petersburg

C.S. Qian and J.W. Brascamp (2018) The processing status of binocular rivalry without attention VSS 18, St. Petersburg

J.W. Brascamp, M.W. Becker and D.Z. Hambrick (2017) Bolstering inter-observer differences to study the mechanisms behind perceptual bistability VSS 17, St. Petersburg (http://dx.doi.org/10.7490/f1000research.1114294.1)

C.S. Qian, J.W. Brascamp, T. Liu (2017) The functional order of binocular rivalry and blind spot filling-in VSS 17, St. Petersburg


M. Brinkhuis, J.W. Brascamp and Á. Kristjánsson (2014) Attentional and perceptual priming share behavioral characteristics and may rely on common functional mechanisms. ECVP 14, Belgrade


S. Gayet, J.W. Brascamp, S. van der Stigchel and C. Paffen (2014) Perception during binocular rivalry is biased by the content of visual working memory. VSS 14, St. Petersburg

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J.W. Brascamp, S. Kranenberg, J.L. van Leeuwen and M. Muller (2000) Morphological restrictions in fish embryos due to limited nutrient supply and metabolic waste product deposition. SEB 00, Exeter

PUBLICATIONS IN POPULAR MEDIA


TEACHING

Introduction to Cognitive Science, Michigan State University, 2016-current
Cognitive Psychology, Michigan State University, 2015-current
Guest lecturer, Systems Neuroscience, Seoul National University, 2015
Cognitive Neuroscience I, University College Utrecht, 2013
Guest lecturer, Introduction to Cognitive Sciences, Utrecht University, 2012-2013
Teaching assistant, Neurobiology, Utrecht University, 2004-2008
Teaching assistant, General Zoology, Wageningen University, 1999-2001

GRANTS AND AWARDS

2017-2022 $424k R01 research grant from the National Institutes of Health, in collaboration with PI Sam Ling. Role: co-I
2016 €3k Utrecht University ‘Seed Money’ award international travel, in collaboration with Sjoerd Stuit. Role: host
2016 $7k MSU College of Social Sciences Faculty Initiatives Fund Award, in collaboration with Katy Thakkar. Role: co-PI
2013-2016 ISK10900k Project Grant from the Icelandic Research Fund Rannis for funding a PhD project, in collaboration with Árni Kristjánsson. Role: co-PI
2012-2015 €250k Veni grant from the Netherlands Organisation for Scientific Research (NWO). Role: PI
2009-2011 €45k Rubicon grant for postgraduate research from the Netherlands Organisation for Scientific Research (NWO). Role: PI
2008 Received PhD degree cum laude
2008 Sponsored participation. European Summer School on Visual Neuroscience — From spikes to awareness, Rauischholzhauzen, Germany
2008 Travel award. Worldwide Universities Network Research Mobility Programme
2007-2008 Graduate student travel grant. IIE Fulbright Program
2007 Travel award. Elsevier/Vision Research Travel Award for the 2007 annual meeting of the Vision Sciences Society
2001 Received MSc degree cum laude

INVITED TALKS

Sept 2018 European summerschool for visual neuroscience, Rauischholzhauzen, Germany
Mar 2017 University of Iceland, Reykjavik, Iceland
Mar 2016 McMaster University, Hamilton, Canada
May 2015 Seoul National University, Seoul, South Korea
Feb 2015 University of Sussex, Brighton, UK
Feb 2014 Université Paris Descartes, Paris, France
Dec 2013 Donders Institute, Nijmegen, Netherlands
Nov 2013 Free University Amsterdam, Amsterdam, Netherlands
May 2012 Korea University, Seoul, Korea
April 2012 Seoul National University, Seoul, South Korea
Sept 2011 Utrecht University, Utrecht, Netherlands
June 2011 Radboud University, Nijmegen, Netherlands
June 2011 University of Amsterdam, Amsterdam, Netherlands
June 2011 Netherlands Institute for Neuroscience, Amsterdam, Netherlands
July 2009 Université Paris Descartes, Paris, France

Using multistability to understand how sensation turns into perception
Visual perception under conditions of ambiguity: the roles of sensory and non-sensory factors
The involvement of frontal and parietal cortex in human visual perception
What is the role of frontal and parietal brain areas in bistable perception?
Parietal involvement in changes in the perception of ambiguous stimuli
Relations between perceptual interpretation and selective attention
Selective attention and unconscious inference
Interpretation and selection in binocular rivalry
Binocular rivalry requires attention
Binocular rivalry requires attention
The role of frontal and parietal areas in bistable perception
What causes perception of bistable stimuli to alternate?
Decoupling binocular rivalry from conscious perception
The role of frontal and parietal areas in bistable perception
A dissociation of attention and awareness in phase sensitive
but not phase insensitive visual neurons

Ambiguous images reveal history dependence in visual processing

History dependence of visual selection studied with ambiguous images

Persistence and decay of perceptual memory for ambiguous stimuli

History dependence in perception of ambiguous stimuli

Perceptual memory of ambiguous figures survives spontaneous perceptual alternations

The dual nature of flashes in binocular rivalry

Stabilization of bistable perception

Adaptation and noise in bistable perception

Adaptation and noise in bistable perception

A common standard for measuring motivational and physical variables in binocular rivalry

EDITORIAL/REVIEWER ACTIVITIES (https://publons.com/author/335250/jan-brascamp#profile)

Consulting editor
Psychology of Consciousness

Ad-hoc reviewer
Attention Perception and Psychophysics
Bipolar Disorders
Brain Research
Cerebral Cortex
Cognition
Cognitive Affective and Behavioral Neuroscience
Cognitive Neurodynamics
Cognitive Science
Current Biology
Emotion
Frontiers
i-Perception
International Journal of Psychophysiology
Journal of Neurophysiology
Journal of Neuroscience
Journal of Cognitive Neuroscience
Journal of Cognitive Science
Journal of Experimental Psychology: General
Journal of Experimental Psychology: Human Perception and Performance
Journal of Vision
Nature Communications
Nature Neuroscience
Neuroimage
Neuroscience of Consciousness
Perception
Perceptual and Motor Skills
Physiology & Behavior
PLoS Computational Biology (http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1006066)
PLoS ONE (http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0194158)
Proceedings of the National Academy of Sciences USA
Proceedings of the Royal Society B
Psychological Science
Psychological Bulletin
Psychonomic Bulletin & Review
Scientific Reports
Vision
Vision Research (https://psychology.msu.edu/brascamplab/images/Certificate.pdf)