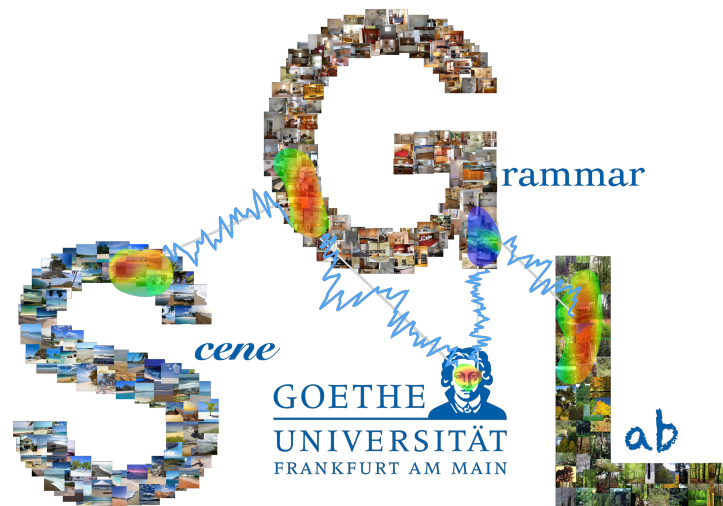


Prof. Dr. Melissa Lê-Hoa Võ

CURRICULUM VITAE

Feb 2022



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web: [www.SceneGrammarLab.com](http://www.SceneGrammarLab.com)

## PERSONAL INFORMATION

Date of Birth: 03/18/1981  
Place of Birth: Munich, Germany  
Nationality: U.S. American  
Children: Gioia Mai-Hoa Baldauf (4.5 yrs), Cy Manus Son Baldauf (2 years)  
Childcare period: 01/05/2017 - 14/07/2018, 24/12/2019 - 30/06/2021

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## EDUCATION

2009 Dr. Phil. in Psychology (summa cum laude)  
Ludwig-Maximilians Universität München, Germany  
"The Allocation of Attention in Scene Perception"

2006 Diplom in Psychology (M.A.)  
Freie Universität Berlin, Germany  
"Effects of Emotional Valence on Implicit and Explicit  
Memory for Words: Can Pupil Dilation Give Clarification?"

2002 Vordiplom in Psychology (B.A.)  
Universität of Eichstätt/Ingolstadt, Germany

2000 Abitur (advanced high-school diploma)  
Gymnasium München/Moosach

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## ACADEMIC APPOINTMENTS

since 7/2014 Full Professor for Cognitive Psychology (W3)  
Goethe Universität Frankfurt, Germany  
Head of the DFG funded Emmy Noether Group  
"Scene Grammar Lab", Goethe Universität Frankfurt

11/2009-6/2014 Post-Doctoral Fellow at Jeremy Wolfe's  
Visual Attention Lab, Harvard Medical School & BWH

11/2008-11/2009 Post-Doctoral Fellow at John Henderson's  
Visual Cognition Lab, University of Edinburgh

## GRANTS & AWARDS

- **SFB Collaborative Research Grant „Cardinal Mechanisms of Perception: Prediction, Valuation, Categorization (SFB/TRR 135; 3rd funding period), Subproject C7**  
2022-2025  
about €350.000
- **HMWK grant “The Adaptive Mind”**  
5/2021-4/2026  
about €150.000
- **HOLM grant on “Cognition Design” in collaboration with Hochschule für Gestaltung**  
9/2019-10/2020  
about €80.000
- **BMBF project on “Digi\_Gap - Digitalisierung in der Lehrerbildung”** 2021-2024  
about €200.000
- **Vision Science Society Young Investigator Award 2018**
- **YAVIS Award for outstanding teaching; Dept of Psychology in 2015, 2017 & 2019**
- **SFB Collaborative Research Grant „Cardinal Mechanisms of Perception: Prediction, Valuation, Categorization” (SFB/TRR 135; 2nd funding period)**  
2018-2021  
about €350.000
- **Emmy Noether Grant from the DFG (German Research Foundation)**  
2014-2019  
about €900.000
- **Grant from the NIH Ruth L. Kirschstein National Research Service Awards (NRSA)**  
12/1/2012-11/31/2015  
about \$170.000
- **Fellowship from the Oak Ridge Institute for Science and Education (ORISE)**  
1/1/2013-1/31/2014  
about \$26.000
- **Fellowship from the Oak Ridge Institute for Science and Education (ORISE)**  
6/1/2012-8/31/2012  
about \$20.000
- **Research Fellowship from the DFG (German Research Foundation)**  
11/1/2009-10/31/2011  
about €100.000
- **Women in Science Fellowship (Ludwig-Maximilians University Excellence Program)**

**Total amount of awarded third party funding to this date: > €2.3 mio**

## PROFESSIONAL ACTIVITIES

**Current Organization Membership:** Deutsche Gesellschaft für Psychologie (full member since 2012), Psychonomic Society (full member since 2012), Association for Psychological Science, Vision Sciences Society

**Editorial Board:** Digital Associate Editor of the Psychonomic Society (2014-2020); Review Editor for *Frontiers in Perception Science* (2013-2014); Consulting Editor for *Attention, Perception, & Psychophysics* (since 2015); Action Editor for *Visual Cognition* (2016-2019)

**Ad-hoc reviewer for, e.g.:** *Acta Psychologica*; *Annals of the New York Academy of Sciences*; *Attention, Perception, and Psychophysics*; *Brain Research*; *Behavior Research Methods*; *Cognition*; *Cognitive Neuroscience*; *CRPI*; *Emotion*; *Frontiers in Perception Science*; *Human-Computer Interaction*; *International Journal of Psychophysiology*; *Journal of Experimental Psychology: General*; *Journal of Experimental Psychology: Human, Perception, and Performance*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Journal of Eye Movement Research*; *Journal of Vision*; *NeuroImage*, *Neuropsychologia*; *Neuroscience Letters*; *Perception*; *PLoS ONE*; *Psychonomic Bulletin & Review*; *Psychophysiology*; *Psychological Science*; *Quarterly Journal of Experimental Psychology*; *Scientific Reports*; *Visual Cognition*; *Vision Research*.

**Conference Organization (2011-2013)** of “Object Perception, Attention, and Memory (OPAM)”. OPAM is a conference dedicated to issues in object perception, attention, memory and other areas of visual cognition. It takes place, each year, on the first day of the meeting of the Psychonomic Society. OPAM is intended as a forum primarily for scientists early in their careers, such as graduate students or post docs.

Visit our website for more information: <http://www.opam.net/>

### **Institutional Responsibilities:**

- 2018 – Vice Dean, Faculty of Psychology & Sports Sciences, GU Frankfurt
- 2015 – Student Counsellor (elected by students), Dept. of Psychology, GU Frankfurt
- 2015 – Vice Managing Director, Dept. of Psychology, GU Frankfurt
- 2014 – Member of the Faculty Committee, Dept. of Psychology, GU Frankfurt
- 2014 – Organizer of Wertheimer Colloquium, Dept. of Psychology, GU Frankfurt
- 2014 – Member of the Ethics Committee; Dept. of Psychology, GU Frankfurt

**Mentoring Activities:** Member of SciMento (<http://www.scimento.de/en>; mentoring program for talented female PhD candidates and postdocs from 5 universities in Hesse); member of START ([www.start-stiftung.de](http://www.start-stiftung.de); part of the Hertie Institute) that supports the academic advancement of children who have recently migrated to Germany.

## PUBLICATIONS

54 peer-reviewed journal publications, 17 as first author, 19 as senior author

**h-index = 31, i10-index = 43, citations: > 5000**

more infos at <http://scholar.google.com/citations?user=-c9whrAAAAAJ&hl=en>

2022

Helbing, J., Draschkow, D., & **Võ, M. L.-H.** (accepted). Auxiliary scene context information provided by anchor objects guides attention and locomotion in natural search behavior. *Psychological Science*.

2021

Lauer, T., Schmidt, F., & **Võ, M. L. H.** (2021). The role of contextual materials in object recognition. *Scientific Reports*, 11, 21988. doi: doi.org/10.1038/s41598-021-01406-z pdf

David, E. J., Beitner, J. & **Võ, M. L.-H.** (2021). The importance of peripheral vision when searching 3D real-world scenes: A gaze-contingent study in virtual reality. *Journal of Vision*, 21(7), 3. doi: doi.org/10.1167/jov.21.7.3

Kumle, L., & **Võ, M. L.-H.**, & Draschow, D. (in press). Estimating power in (generalized) linear mixed models: An open introduction and tutorial in R. *Behavior Research Methods*.

**Võ, M. L.-H.** (2021). The Meaning and Structures of Scenes. *Vision Research*, 181, 10-20. doi: doi.org/10.1016/j.visres.2020.11.003.

Beitner, J., Helbing, J., Draschkow, D., & **Võ, M. L. H.** (2021). Get Your Guidance Going: Investigating the Activation of Spatial Priors for Efficient Search in Virtual Reality. *Brain Sciences*, 11(1), 44.

2020

David, E., Beitner, J., & **Võ, M. L.-H.** (2020). Effects of Transient Loss of Vision on Head and Eye Movements during Visual Search in a Virtual Environment. *Brain Sciences*, 10(11), 841. doi: doi.org/10.3390/brainsci10110841

Maffongelli, L., Öhlschläger, S., & **Võ, M. L.-H.** (2020). The development of scene semantics: First ERP indications for the processing of semantic object-scene inconsistencies in 24-month-olds. *Collabra: Psychology*, 6 (1): 17707.

Lauer, T., Willenbockel, V., Maffongelli, L., & **Võ, M. L.-H.** (2020). The influence of scene and object orientation on the scene consistency effect. *Behavioural Brain Research*, 394, 112812.

Öhlschläger, S., & **Võ, M. L. H.** (2020). Development of scene knowledge: Evidence from explicit and implicit scene knowledge measures. *Journal of Experimental Child Psychology*, 194, 104782.

Helbing\*, J., Draschkow\*, D., & **Võ, M. L.-H.** (2020). Search superiority: Goal-directed attentional allocation creates more reliable incidental identity and location memory than explicit encoding in naturalistic virtual environments. *Cognition*, 196, 104147.

2019

**Võ, M. L.-H.**, Boettcher, S. E., & Draschkow, D. (2019). Reading scenes: How scene grammar guides attention and aids perception in real-world environments. *Current Opinion in Psychology*, 29, 205-210. doi: doi.org/10.1016/j.copsyc.2019.03.009

Cornelissen, T., Sassenhagen, J., & Võ, M. L.-H. (2019). Improving free-viewing fixation-related EEG potentials with continuous-time regression. *Journal of Neuroscience Methods*, 313, 77-94. doi: doi.org/10.1016/j.jneumeth.2018.12.010

2018

Draschkow, D., Heikel, E., Fiebach, C., Võ, M. L.-H., & Sassenhagen, J. (2018). No evidence from MVPA for different processes underlying the N300 and N400 incongruity effects in object-scene processing. *Neuropsychologia*, 120, 9-17. <https://doi.org/10.1016/J.NEUROPSYCHOLOGIA.2018.09.016>

Boettcher, S. E. P., Draschkow, D., Dienhart, E., & Võ, M. L.-H. (2018). Anchoring visual search in scenes: Assessing the role of anchor objects on eye-movements during visual search. *Journal of Vision*, 18(13):11, 1–13. doi:10.1167/18.13.11

Lauer, T., Cornelissen, T. H. W., Draschkow, D., Willenbockel, V., & Võ, M. L.-H. (2018). The role of scene summary statistics in object recognition. *Scientific Reports*, 8(1), 14666. <https://doi.org/10.1038/s41598-018-32991-1>

Kumle, L., Võ, M. L.-H., & Draschkow, D. (2018). Mixedpower: a library for estimating simulation-based power for mixed models in R. <https://doi.org/10.5281/zenodo.1341047>

Draschkow, D., Reinecke, S., Cunningham, C. A., & Võ, M. L.-H. (2018). The lower bounds of massive memory: Investigating memory for object details after incidental encoding. *Quarterly Journal of Experimental Psychology*, XX. <http://doi.org/10.1177/1747021818783722>

2017

Draschkow, D., & Võ, M. L.-H. (2017). Scene grammar shapes the way we interact with objects, strengthens memories, and speeds search. *Scientific Reports*, 7(1), 16471. doi: 10.1038/s41598-017-16739-x

Kok, E.M., Aizenman, A.M., Võ, M. L.-H. & Wolfe, J.M. (2017). Even if I showed you where you looked, remembering where you just looked is hard. *Journal of Vision*, 17(12):2. doi: 10.1167/17.12.2.

Öhlschläger, S., & Võ, M. L.-H. (2017). SCEGRAM: An image database for semantic and syntactic inconsistencies in scenes. *Behavior research methods*, 49(5). 1780-1791. doi:10.3758/s13428-016-0820-3

2016

Võ, M. L.-H., Aizenman, A. M. & Wolfe, J. M. (2016). You think you know where you looked? You better look again. *Journal of Experimental Psychology: Human Perception and Performance*, Vol 42(10), 1477-1481.

Cornelissen, T. H. W., & Võ, M. L.-H. (2016). Stuck on semantics: Processing of irrelevant object-scene inconsistencies modulates ongoing gaze behavior. *Attention, Perception & Psychophysics*. 79(1), 154–168. doi:10.3758/s13414-016-1203-7

Draschkow, D., & Võ, M. L.-H. (2016). Of “what” and “where” in a natural search task: Active object handling supports object location memory beyond the object’s identity. *Attention, Perception & Psychophysics*. 78, 1574-1584. doi:10.3758/s13414-016-1111-x

Josephs\*, E. L., Draschkow\*, D., Wolfe, J. M., & Võ, M. L.-H. (2016). Gist in time: Scene semantics and structure enhance recall of searched objects. *Acta Psychologica*, 169, 100–108. doi:10.1016/j.actpsy.2016.05.013

2015

**Võ, M. L.-H.**, & Wolfe, J. M. (2015). The role of memory for visual search in scenes. *Annals of the New York Academy of Sciences, 1559*, 72–81.

2014

Draschkow, D., Wolfe, J.M., & **Võ, M. L.-H.** (2014). Seek and you shall remember: Scene semantics interact with visual search to build better memories. *Journal of Vision, 14(8):10*, 1–18.

2013

**Võ, M. L.-H.**, & Wolfe, J. M. (2013). Differential ERP Signatures Elicited by Semantic and Syntactic Processing in Scenes. *Psychological Science, 24(9)*, 1816–1823.

**Võ, M. L.-H.**, & Wolfe, J. M. (2013). The interplay of episodic and semantic memory in guiding repeated search in scenes. *Cognition, 126*, 198–212.

Drew, T., **Võ, M. L.-H.**, & Wolfe, J. M. (2013). The invisible gorilla strikes again: Sustained inattentive blindness in expert observers. *Psychological Science, 24(9)*.

Drew, T., **Võ, M. L.-H.**, Olwal, A., Jacobson, F., Seltzer, S., & Wolfe, J. M. (2013). Scanner and drillers: Characterizing expert visual search through volumetric images. *Journal of Vision, 13(10):3*, 1–13.

Drew, T., Evans, K., **Võ, M. L.-H.**, Jacobson, F., & Wolfe, J. M. (2013). “What can you see in a single glance and how might this guide visual search in medical images?” *RadioGraphics, 33*, 263-274.

2012

**Võ, M. L.-H.**, & Wolfe, J. M. (2012). When Does Repeated Search in Scenes Involve Memory? Looking At Versus Looking For Objects in Scenes. *Journal of Experimental Psychology: Human Perception and Performance, 38(1)*, 23-41.

**Võ, M. L.-H.**, Smith, T. J., Mital, P. K., & Henderson, J. M. (2012). Do the Eyes Really Have it? Dynamic Allocation of Attention when Viewing Moving Faces. *Journal of Vision, 12(15):3*, 1–14.

2011

Wolfe, J. M., **Võ, M. L.-H.**, Evans, K. K., & Greene, M. R. (2011). Visual search in scenes involves selective and non-selective pathways. *Trends in Cognitive Sciences, 15(2)*, 77-84.

**Võ, M. L.-H.**, & Henderson, J. M. (2011). Object-scene Inconsistencies do not Capture Gaze: Evidence from the Flash-Preview Moving-Window Paradigm. *Attention, Perception, & Psychophysics, 73*, 1742–1753.

Conrad, M., **Võ, M. L.-H.**, Schneider, D., & Jacobs, A. M. (2011). Syllable structure is modulating the optimal viewing position in visual word recognition. *Fonética, 31(1)*, 2-13.

2010

**Võ, M. L.-H.**, & Henderson, J. M. (2010). The Time Course of Initial Scene Processing for Guidance of Eye Movements When Searching Natural Scenes. *Journal of Vision, 10(3):14*, 1–13.

**Võ, M. L.-H.**, & Schneider, W. X. (2010). A Glimpse Is Not A Glimpse: Differential Processing of Flashed Scene Previews Leads to Differential Target Search Benefits. *Visual Cognition, 18(2)*. 171-200.

**Võ, M. L.-H.**, Zwickel, J., & Schneider, W. X. (2010). Has Someone Moved My Plate? The Immediate and Persistent Effects Of Object Location Changes On Gaze Allocation

During Natural Scene Viewing. *Attention, Perception, & Psychophysics*, 72 (5), 1251-1255.  
Brockmole, J. R., & Võ, M. L.-H. (2010). Semantic Memory and the Learning of Contextual Regularities Within Real-World Scenes. *Attention, Perception, & Psychophysics*, 72, 1803-1813.

Zwicker, J., & Võ, M. L.-H. (2010). How the Presence of Humans Biases Gaze Movements. *Psychonomic Bulletin & Review*, 17 (2), 257-262.

2009

Võ, M. L.-H., & Henderson, J. M. (2009). Does Gravity Matter? Effects of Semantic and Syntactic Inconsistencies on the Allocation of Attention during Scene Perception. *Journal of Vision*, 9(3):24, 1-15.

Võ, M. L.-H., Conrad, M., Kuchinke, L., Hartfeld, K., Hofmann, M. F., & Jacobs, A. M. (2009). The Berlin Affective Word List Reloaded (BAWL-R). *Behavior Research Methods*, 41(2), 534-538.

Hofmann, M. F., Kuchinke, L., Tamm, S., Võ, M. L.-H., & Jacobs, A. M. (2009) "Affective processing within 1/10th of a second: High arousal is necessary for early facilitative processing of negative but not positive words". *Cognitive, Affective, and Behavioral Neuroscience*, 9(4), 389-397.

2008

Võ, M. L.-H., Schneider, W. X., & Matthias, E. (2008). Transsaccadic Scene Memory Revisited: A 'Theory of Visual Attention (TVA)' based Approach to Recognition Memory and Confidence for Objects in Naturalistic Scenes. *Journal of Eye-Movement Research*, 2(2):7, 1-13.

Võ, M. L.-H., Jacobs, A. M., Kuchinke, L., Conrad, M., Schacht, A., & Hutzler, F. (2008). Emotion/Cognition Coupling In The Eye: Introducing the Pupil Old/New Effect. *Psychophysiology*, 45, 130-140.

2007

Hutzler, F., Braun, M., Võ, M. L.-H., Engl, V., Hofmann, M., Dambacher, M., Leder, H., & Jacobs, A. M. (2007). Welcome to the real world: validating fixation related brain potentials for ecologically valid settings. *Brain Research*, 1172, 124-129.

Kuchinke, L., Võ, M. L.-H., Hofmann, M., & Jacobs, A. M. (2007). Pupillary responses during lexical decisions vary with word frequency but not emotional content. *International Journal of Psychophysiology*, 65(2), 132-140.

Kuchinke, L., Jacobs, A. M., Grubich, C., Võ, M. L.-H., Conrad, M., & Herrmann, M. (2007). Incidental effects of emotional valence in single word processing. In: Herrmann, M. & Thiel, Ch. (Eds.) *Topics in Advanced Neuroimaging*. Oldenburg: bis-Publishers. pp. 31-34.

2006

Võ, M. L.-H., Jacobs, A. M., & Conrad, M. (2006). Crossvalidating the Berlin Affective Word List (BAWL). *Behavior Research Methods*, 38(4), 606-609.

Engl, V., Hutzler, F., Jacobs, A. M., Võ, M. L.-H., & Braun, M. (2006). Orthografie oder Orthographie? Lesen nach Rechtschreibreform - eine Blickbewegungsstudie [Reading after the orthography reform - an eye tracking study]. *Zeitschrift für Psychologie*, 214(2), 59-72.

Kuchinke, L., Jacobs, A. M., Grubich, C., Võ, M. L.-H., Conrad, M., & Herrmann, M. (2006). Modulation of PFC activation by emotional words in recognition memory. *NeuroReport*, 17(10), 1037-1041. (



2005

Kuchinke, L., Jacobs, A. M., Grubich, C., Võ, M. L.-H., Conrad, M., & Herrmann, M. (2005). Incidental effects of emotional valence in single word processing: An fMRI study. *NeuroImage*, 28(4), 1022-1032.

## PUBLISHED SUMMARIES

Võ, M. L.-H., & Wolfe, J. M., (2010). The Role of Incidental Object Fixations in Repeated Search: Looking AT versus looking FOR an object in a scene. Object Perception, Attention, and Memory (OPAM) 2010 Conference Report, *Visual Cognition*, 18(10), 1486 – 1541. (IF 2.05)

Võ, M. L.-H., & Henderson, J. M. (2010). The Time Course of Initial Scene Processing. Object Perception, Attention, and Memory (OPAM) 2009 Conference Report, *Visual Cognition*, 18(1), 110 – 159. (IF 2.05)

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## INVITED TALKS

Jan 22: Zangwill Lecture @ Cambridge University (*online*)  
Nov 21: Tim Brady Lab @ UCSD (*online*)  
Oct 21: Gabriel Kreiman Lab @ Harvard (*online*)  
Oct 21: Gender Equality Symposium @ SAGE 3.0 (*online*)  
Sep 21: Vision Group @ Bristol University (*online*)  
May 21: Felix Wichmann Lab @ Tübingen (*online*)  
May 21: Neil Cohn Lab @ Tilburg University (*online*)  
May 21: Felix Wichmann Lab @ Tübingen (*online*)  
Jul' 20: Dirk Walther Lab @ University of Toronto (*online*)  
Nov'19 OPAM Keynote address @ Montreal  
Jul'19 Linguistics @ GU  
Jun'19 Arthur Jacobs @ FU Berlin  
Jun'19 Martin Herzog @ Lausanne  
Jul '19 SAMBA @ Salzburg  
Nov '18 HfG Frankfurt  
Nov '18 Donders Institute, Nijmegen  
Oct '18 GDR Vision conference, Paris  
July 18 Anchors @ *Visual Search Symposium Ammersee*  
May 18 Young Investigator Award Talk @ VSS  
Apr 17 Academia's bittersweet box of chocolates: You never know what you're going to get @ *Science Innovation Union, Frankfurt*  
Jan'17 Reading Scenes: How Scene Semantics and Syntax Guide Attention in Real-World Environments. @ *University of Mainz*  
Nov '16 Reading Scenes: How Scene Grammar Guides Attention and Perception in Real-World Environments @ *Lund University invited by Kenneth Holmqvist*  
Aug'16 Reading Scenes: How Scene Semantics and Syntax Guide Attention in Real-World Environments @ *Studienstiftung des Deutschen Volkes, Munich*  
June'16 Cogito ergo sum, sed errare humanum est @ *Night of Science (<http://www.nightofscience.de>), Frankfurt*

- June '16 Karriere Chance Ausland @ *A-Doc Freiburg*
- June '16 Reading Scenes: How Scene Grammar Guides Attention and Perception in Real-World Environments @ *Rhein-Main Neuroscience Network (rmn2) Retreat*
- Apr '16 Reading Scenes: How Scene Semantics and Syntax Guide Attention in Real-World Environments. *University of Wuppertal, invited by Ralph Raddach*
- Feb '16 Jobtalk for Full-Professorship @ *University of Kiel*
- Feb '16 Was die Wahrnehmung der Welt im Innersten zusammen hält @ *Universität des 3. Lebensalters, Frankfurt*
- Jan '16 Was die Wahrnehmung der Welt im Innersten zusammen hält @ *INCF, Frankfurt*
- Jan '16 *Ludwig-Maximilians University Munich, invited by Hermann Müller*
- Nov '15 Jobtalk for Assistant professorship @ *McGill University*
- Oct '15 Scene Grammar. *Brain Imaging Retreat, invited by Christian Kell*
- Oct '15 Development of Scene Grammar. *IDeA Retreat, invited by Hasselborn*
- Jul '15 Reading Scenes: How Scene Semantics and Syntax Guide Attention in Real-World Environments. *University of Osnabrück, invited by Peter König*
- Jun '15 Was die Wahrnehmung der Welt im Innersten zusammen hält @ *Night of Science (<http://www.nightofscience.de>), Frankfurt*
- May '15 Reading Scenes: Scene Grammar Guides Attention in Real-World Environments. *SFB Retreat, invited by Karl Gegenfurtner*
- Apr' 15 Reading Scenes: How Semantic, Syntactic, and Episodic Scene Memory Guide Attention in Real-World Environments. *Frankfurt Institute of Advanced Studies, invited by Jochen Triesch*
- Mar' 15 Semantics and Syntax in Real-World Scene Perception, *Bund Deutscher Architekten, Frankfurt, invited by Wolfgang Dunkelau*
- Jan' 15 Reading Scenes: How Semantic, Syntactic, and Episodic Scene Memory Guide Attention in Real-World Environments. *Goethe University Frankfurt, Wertheimer Kolloquium*
- Jan' 15 Reading Scenes: Or how Scene Grammar Guides Attention in Real-World Environments. *University of Vienna, Austria. invited by Ulrich Ansorge*
- Dec' 14 Scene Grammar Guides Attention in Real-World Environments, *University of Würzburg, invited by Lynn Huestegge*
- Jul' 14 Top-Down Control of Attention by Semantic, Syntactic, and Episodic Scene Memory. *Ermst-Strüngmann Retreat. invited by Pascal Fries & Ayelet Landau*
- Apr' 14 Why looking AT an object does not always help looking FOR it. *IRTG-Kolloquium Marburg/Giessen. invited by Wolfgang Einhäuser & Frank Bremmer*
- Mar' 14 Seek and you shall remember...but only when making a scene  
Closing conference of the ZIF Research group competition and priority control of mind and brain. *invited by Werner Schneider, Wolfgang Einhäuser & Gernot Horstmann*
- Dec' 13 Behavioral and Neural Correlates of Semantic and Syntactic Scene Processing  
*Jobtalk Goethe Universität Frankfurt, Germany*
- May' 13 Attentional Control in Scene Perception: The Role of Semantic, Syntactic and Episodic Memory. *Oxford University, UK. invited by Christopher Summerfield*
- May' 13 Scene Perception: The Role of Semantic and Syntactic Guidance.  
*Jobtalk University of Cambridge, UK: Listenplatz#2*
- Apr' 13 Attentional Control by Semantic, Syntactic and Episodic Scene Memory. *ZIF, Bielefeld. invited by Gernot Horstmann & Werner Schneider.*
- Mar' 13 Behavioral and Neural Correlates of Semantic and Syntactic Scene Processing.  
*Jobtalk Center of Integrative Neuroscience (CIN) Tübingen, Germany.*
- Oct' 12 Differential ERPs Signal Semantics and Syntax in Scenes.  
*Tufts University, Boston, USA. invited by Phillip Holcomb & Gina Kuperberg*

- Apr '11 Context and memory guidance during repeated search in scenes. Schepens Eye Research Institute, Boston, USA. *invited by Pete Bex*
- Mar '11 The role of memory in repeated search in scenes. University of Iowa, USA. *invited by Michi Matsukura & Andrew Hollingworth*
- Feb '11 Does Looking AT an object help us looking FOR it? The Role of Memory during Repeated Search in Scenes. University of Delaware, USA. *invited by Helene Intraub*
- Nov '10 Repeated search in scenes. University of Notre Dame, USA. *invited by Jim Brockmole*
- Oct '10 Does repeated search need memory? University of Texas, Austin, USA. *invited by Mary Hayhoe*
- May '10 Gaze Guidance by Scene Semantics and Syntax. Talks in Cognitive Science, UMass Boston, USA. *invited by Marc Pomplun*
- Oct '09 The Time Course of Initial Scene Processing. Colloquium, Giessen University. *invited by Karl Gegenfurtner*
- Mar '09 Gender and Emotions in Word Processing and Scene Perception. Invited jobtalk for the Juniorprofessorship "Gender and Emotion" within the Excellence Cluster "Cognitive Interaction Technology (CITEC)". Bielefeld University, Germany. Listenplatz#2
- Sep '08 Effects of Object-Scene Inconsistencies on the Allocation of Attention. Symposium: "Eye movements in cognitive research". KogWis, Dresden, Germany. *invited by Sebastian Pannasch & Jens Helmert*
- Mar '08 Does Gravity Matter? LabTalk at the CVVC meeting, Durham University, UK. *invited by John Findlay*
- Dec '07 A Glimpse is not a Glimpse. The Rank Prize Funds Mini-Symposium on Representations of the Visual World in the Brain. Grasmere, UK. *invited by Ben Tatler and Mike Land*

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## CONFERENCE PRESENTATIONS (FIRST or SENIOR AUTHOR)

to be updated... in another life?!?

2018

- Võ, M. L.-H.**, Sage Boettcher & Dejan Draschkow: Anchor objects predict search performance in real-world scenes. @ *ECVP, Trieste, Italy, Talk*
- Dejan Draschkow, Edvard Heikel, **Võ, M. L.-H.**, Christian Fiebach & Jona Sassenhagen: Semantic processing in scenes and sentences: Investigating shared neural patterns using MVPA @ *ECVP, Trieste, Italy*
- Aylin Kallmayer, Dejan Draschkow & **Võ, M. L.-H.**: Investigating viewpoint dependence in object recognition using depth rotated 3D models in a sequential matching task. @ *ECVP, Trieste, Italy*
- Saliha Reinecke, Dejan Draschkow, Sage E. P. Boettcher & **Võ, M. L.-H.**: The impact of semantical relations on template activation. @ *ECVP, Trieste, Italy*
- Leah Kumle, Dejan Draschkow & **Võ, M. L.-H.**: May the power be with you: Pilot data based simulations for estimating power in mixed models. @ *ECVP, Trieste, Italy*

- Sandro Wiesmann, Verena Willenbockel, Frédéric Gosselin & **Võ, M. L.-H.**: Spatial frequency tuning for scene categorization: The role of scene type and categorization level. @ *ECVP*
- Dario Stänicke, Dejan Draschkow & **Võ, M. L.-H.**: All beginnings are difficult: Repeated search through Virtual Reality Environments. @ *ECVP, Trieste, Italy*
- Jason Helbing, Dejan Draschkow & **Võ, M. L.-H.**: Searching beats memorizing in creating memory representations for objects in realistic virtual environments. @ *ECVP, Trieste, Italy*
- Tim Cornelissen, Jona Sassenhagen, & **Võ, M. L.-H.**: Free-viewing fixation related EEG-potentials with continuous-time regression. @ *VSS St. Petersburg, USA. Talk.*
- Dejan Draschkow, Edvard Heikel, **Võ, M. L.-H.**, Christian Fiebach & Jona Sassenhagen: Investigating the temporal dynamics of object-scene integration using MVPA: The role of the N300/N400 complex in object perception. @ *VSS St. Petersburg, USA.*
- Tim Lauer, Verena Willenbockel, Julia I. Kunz, & **Võ, M. L.-H.**: Contextual effects of coarse global scene properties on object processing @ *VSS St. Petersburg, USA.*
- Caroline D Seidel, Dejan Draschkow & **Võ, M. L.-H.**: Cued by the bzzzzzzzz? The influence of object sounds on visual search and memory performance. @ *VSS St. Petersburg, USA.*
- Võ, M. L.-H.**, Sage Boettcher & Dejan Draschkow: Anchoring spatial predictions in real-world scenes: Hierarchical relationships of objects predict single trial search performance. @ *VSS St. Petersburg, USA.*

## 2017

- Võ, M. L.-H.** (May '17). What drives semantic processing of objects in scenes? @ *VSS St. Petersburg, USA. Talk.*
- Boettcher, S. E. & **Võ, M. L.-H.** (May '17). Anchoring spatial predictions: Evidence for the critical role of anchor objects for visual search in scenes. @ *VSS St. Petersburg, USA.*
- Draschkow, D. & **Võ, M. L.-H.** (May '17) Building the unexpected: scene grammar shapes the way we interact with objects, strengthens spatial representations, and speed search. @ *VSS St. Petersburg, USA.*
- Öhlschläger, S. & **Võ, M. L.-H.** (May '17) The milk in the bathroom strikes again: ERP evidence for the processing of semantic object-scene inconsistencies in early development. @ *VSS St. Petersburg, USA.*
- Willenbockel, V., Gosselin, F., & **Võ, M. L.-H.** (May '17) Spatial frequency tuning for indoor scene categorization @ *VSS St. Petersburg, USA.*
- Lauer, T., Willenbockel, V. & **Võ, M. L.-H.** (May '17) Do inverted scenes modulate semantic object processing? Behavioral and electrophysiological insights. @ *VSS St. Petersburg, USA.*

## 2016

- Boettcher, S. E. & **Võ, M. L.-H.** (May '16) Anchoring predictions in scenes: Electrophysiological evidence for a hierarchical structure in scenes. @ *VSS St. Petersburg, USA.*
- Draschkow, D. & **Võ, M. L.-H.** (May '16) Of "What" and "Where" in a natural search task:

- Active object handling supports object location memory beyond the objects' identity. @ VSS St. Petersburg, USA.
- Öhlschläger, S. & Võ, M. L.-H (May '16) Did you see the milk in the bathroom? The developmental trajectory of eye movement control by scene semantics in preschoolers. @ VSS St. Petersburg, USA.
- Lauer, T., Cornelissen, T. & Võ, M. L.-H (May '16) Semantic inconsistencies without semantics? Semantically inconsistent objects elicit N400 responses on both real-world and apparently meaningless synthesised scenes. @ VSS St. Petersburg, USA.
- Cornelissen, T. & Võ, M. L.-H (May '16): Stuck on semantics: Irrelevant object-scene inconsistencies modulate ongoing eye movement behavior during letter search. @ VSS St. Petersburg, USA.

### 2015

- Võ, M. L.-H., Cornelissen, T. & Öhlschläger, S. (Nov '15). When scenes and words collide: Irrelevant background scenes modulate neural responses during lexical decisions. @ Psychonomics, Chicago, USA. *Talk*
- Võ, M. L.-H., & Wolfe, J. M. (Aug '15). Let me tell you where you looked! @ ECEM, Vienna. *Talk*
- Cornelissen, T. & Võ, M. L.-H (Aug '15) Stuck on semantics: Automatic processing of object-scene incongruities modulates ongoing gaze behavior. @ ECEM, Vienna. *Talk*
- Draschkow, D. & Võ, M. L.-H (Aug '15) Do it yourself! Active object handling leads to faster search times. @ ECEM, Vienna. *Talk*
- Öhlschläger, S. & Võ, M. L.-H (Aug '15) Find the fork in the bedroom! Contextual cueing for semantic intruders. @ ECEM, Vienna.
- Boettcher, S. E. & Võ, M. L.-H (Aug '15) Worth a look: The effects of irrelevant rewarding stimuli on eye movements. @ ECEM, Vienna.
- Võ, M. L.-H., Cornelissen, T. & Öhlschläger, S. (Jun '15). Reading Scenes: Irrelevant background scenes modulate neural responses during lexical decisions. @ Psychologie & Gehirn, Frankfurt. *Poster*
- Võ, M. L.-H., Cornelissen, T. & Öhlschläger, S. (May '15). When scenes and words collide: Irrelevant background scenes modulate neural responses during lexical decisions. @ VSS St. Petersburg, USA. *Talk*.

### 2014:

- Võ, M. L.-H., Draschkow, D., Josephs, E. L. & Wolfe, J. M. (Mar. '14). Seek and remember: Scene semantics interact with visual search to build better memories. @ TeaP, Gießen, Germany. *Talk*
- Võ, M. L.-H., & Wolfe, J. M. (May '14). Scene syntactic priming boosts lexical access. @ VSS, St. Petersburg, USA. *Poster*.

### 2013

- Võ, M. L.-H., Draschkow, D., Farmer R., & Wolfe, J. M. (Nov. '13). Memory representations are not created equal: Incidental encoding during object search outperforms intentional object memorization @ Psychonomics, Toronto, Canada. *Talk*
- Võ, M. L.-H., Gavrilov, Z., & Oliva, A. (Aug '13). Image Memorability in the Eye of the Beholder: Tracking the Decay of Visual Scene Representations @ ECEM, Lund, Sweden. *Talk*
- Võ, M. L.-H., & Wolfe, J. M. (Aug '13). Eye movement control by artificially learned rules: Using VowelWorld to study the development of scene guidance @ ECEM, Lund, Sweden. *Poster*
- Võ, M. L.-H., Gavrilov, Z., & Oliva, A. (May '13). Image Memorability in the Eye of the

Beholder: Tracking the Decay of Visual Scene Representations @ VSS, Naples, USA. *Talk*

Võ, M. L.-H., & Wolfe, J. M. (Mar '13). Differential ERP Signatures in Response to Semantic and Syntactic Inconsistencies in Scenes @ TeaP, Vienna, Austria. *Talk*

2012

Võ, M. L.-H., & Wolfe, J. M. (Nov '12). Searching for Invisible Objects in Visible Scenes @ Psychonomics, Minneapolis, USA. *Talk*

Võ, M. L.-H., & Wolfe, J. M. (Sept '12). Semantic and Syntactic Inconsistencies in Scenes Elicit Differential ERP Signatures. @ ECVP, Alghero, Italy. *Talk*

Võ, M. L.-H., & Wolfe, J. M. (May '12). Semantic and Syntactic Inconsistencies in Scenes Elicit Differential ERP Signatures. @ VSS, Naples, USA. *Talk*

2011

Võ, M. L.-H., Smith, T., & Henderson, J. M. (Nov '11). The Functional Role of Gaze When Viewing Dynamic Faces. @ Psychonomics, Seattle, USA, *Poster*

Võ, M. L.-H., & Wolfe, J. M. (May '11). Searching for Invisible Objects in Visible Scenes. @ ECVP, Toulouse, France, *Talk*

Võ, M. L.-H., Drew, T. & Wolfe, J. M. (Aug '11). Gaze control when searching a volumetric space: Comparing eye movement behavior in 2D versus 3D search. @ ECEM, Marseille, France, *Poster*

Võ, M. L.-H., & Wolfe, J. M. (May '11). Does repeated search in scenes need memory? When contextual guidance fails, memory takes over. @ VSS, Naples, USA. *Talk*

2010

Võ, M. L.-H., & Wolfe, J. M. (Nov '10). The Role of Incidental Object Fixations in Repeated Search: Looking AT versus looking FOR an object in a scene. @ Object Perception, Attention, and Memory (OPAM) 2010, St. Louis, USA. *Talk*

Võ, M. L.-H., & Wolfe, J. M. (Nov '10). Repeated Search in Scenes: Why Looking At An Object Does Not Help Looking For An Object @ Psychonomics, St. Louis, USA. *Poster*

Võ, M. L.-H., & Wolfe, J. M. (Aug '10). Contributions of General and Scene-Specific Knowledge to Gaze Guidance in Repeated Search. @ ECVP, Lausanne, Switzerland. *Talk*

Võ, M. L.-H., Smith, T. J., & Henderson, J. M. (May '10). The dynamics of gaze when viewing dynamic faces. @ VSS, Naples, USA. *Poster*

2009

Võ, M. L.-H., & Henderson, J. M. (Oct '09). The Time Course of Initial Scene Processing @ Object Perception, Attention, and Memory (OPAM) 2009 Conference, Boston, USA. *Talk*

Võ, M. L.-H., & Henderson, J. M. (Aug '09). Object-scene inconsistencies do not capture gaze - evidence from the flash-preview moving-window paradigm. ECEM, Southampton, UK. *Talk*

Võ, M. L.-H., & Henderson, J. M. (May '09). Effects Of Semantic And Syntactic Object-Scene Inconsistencies On The Allocation Of Attention During Naturalistic Scene Viewing @ VSS, Naples, USA. *Talk*

Võ, M. L.-H., & Henderson, J. M. (Jan '09). Does Gravity Matter? Effects of Semantic and Syntactic Inconsistencies on the Allocation of Attention during Scene Perception. @ Scene Understanding Symposium (SUNS09), MIT, Cambridge, USA. *Poster*

2008

Võ, M. L.-H., Zwickel, J., & Schneider, W. X. (2008). Who Has Moved My Plate? Second International Symposium on Visual Search and Selective Attention, Fribourg, Switzerland. *Poster*

Võ, M. L.-H., & Schneider, W. X. (2008). A Glimpse is Not A Glimpse. International Congress of Psychology, Berlin, Germany. *Talk*

2007

- Võ, M. L.-H., & Schneider, W. X. (2007).** Processing Less, Seeing More. 2nd Annual Workshop of the Excellence Cluster Cognition for Technical Systems, Garching, Germany. *Talk & Poster*
- Võ, M. L.-H., Graf, R., & Jacobs, A. M. (2007).** Effects of Irrelevant Sound on Complex Mental Processing: Parsing through the Garden-Path. @ TeaP. Trier, Germany. *Talk*
- Võ, M. L.-H., Jacobs, A. M., Kuchinke, L., Conrad, M., Schacht, A., & Hutzler, F. (2007).** Emotion/Cognition Coupling In The Eye: Introducing the Pupil Old/New Effect. Symposium "Dynamics of Attentional Control". Ammersee, Germany. *Poster*