

# **Einat Rashal - Curriculum Vitae**

## **Personal Details**

Date of birth: 19.6.1981

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## **Higher Education**

2015: Ph.D. in Cognitive Psychology. Department of Psychology, University of Haifa.

Thesis on "Perceptual Organization: Attention, time course, and competition". Supervisors:  
Prof. Ruth Kimchi and Prof. Yaffa Yeshurun.

2008: M.A. in Cognitive psychology, Magna cum laude. Department of Psychology, University of Haifa.

Thesis on "Pre-cueing attention and target contrast in crowding conditions". Supervisor:  
Prof. Yaffa Yeshurun.

2005: B.A. in Psychology and Music, University of Haifa.

## **Other Studies**

2014: Summer school on "Perceptual organization: Interdisciplinary approaches and research skills"  
in Leuven, Belgium.

## **Academic Appointments**

2015-2016: Post-doctoral researcher at the Laboratory of Experimental Psychology at KU Leuven,  
Belgium. Supervisor: Prof. Johan Wagemans.

2015-2016: Research associate. Institute of Information Processing and Decision Making (IIPDM),  
University of Haifa.

2011-2015: Lecturer. Department of Education and Psychology, and the Department of Sociology,  
Political Science and Communication. Open University.

2004-2015: Research assistant. Institute of Information Processing and Decision Making (IIPDM),  
University of Haifa.

2007-2011: Teaching assistant. Faculty of Social Sciences, Emeq Yizrael College.

2005-2008: Teaching assistant and course coordinator. Department of Psychology, University of Haifa.

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### **Scholarships**

2015-2016: Erasmus Mundus Action II, Academic Mobility between EU and Israel – EMAIL.

2012-2014: Max Wertheimer Minerva Center for Cognitive Processes and Human Performance Scholarship for Research Students.

2009-2012: University of Haifa Advanced Studies Excellence Scholarship for Research Students.

### **Grants**

2012-2014: Israel Foundation Trustees (IFT) Research Grant for Doctorates in Social Sciences.

2014: Max Wertheimer Minerva Center for Cognitive Processes and Human Performance Travel Grant.

2014: Faculty of Social Sciences at the University of Haifa Travel Grant.

2013: Faculty of Social Sciences at the University of Haifa Travel Grant.

2013: Max Wertheimer Minerva Center for Cognitive Processes and Human Performance Travel Grant.

2013: The National Institute for Psychobiology in Israel Travel Grant.

2012: University of Haifa Advanced Studies Research Grant.

### **Awards**

2014: European Conference on Visual Perception (ECVP) Student Award.

2005: University of Haifa Faculty of Humanities Excellence Award.

### **Organization of sessions**

2014: Co-organizer and chair of the “Young researchers forum”: Discussion forum on work in progress and current issues in cognitive sciences for researchers at the doctorate and post-doc levels. University of Haifa.

### **Courses**

Experimental Psychology, Statistics, Perception, Introduction to Psychology.

### **Publications**

#### ***Articles in peer-reviewed journals***

Yeshurun, Y., & **Rashal, E.** (2010). Precueing attention to the target location diminishes crowding and reduces the critical distance. *Journal of Vision, 10*(10):16, 1-12. doi: 10.1167/10.10.16.

**Rashal, E.**, & Yeshurun, Y. (2014). Contrast dissimilarity effects on crowding are not simply another case of target saliency. *Journal of Vision, 14*(6):9, 1–12, <http://www.journalofvision.org/content/14/6/9>, doi:10.1167/14.6.9.

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Yeshurun, Y., **Rashal, E.**, & Tkacz-Domb, S. (2015). Temporal crowding and its interplay with spatial crowding. *Journal of Vision*, 15(3), 11.

Yeshuruh, Y. & **Rashal E.** (in revision). Object-based effects merely reduce spatial costs. *Journal of Experimental Psychology: Human Perception and Performance*.

**Rashal, E.**, Yeshurun, Y., & Kimchi, R. (in revision). Attentional requirements in grouping depend on the processes involved in the organization. *Attention, Perception, & Psychophysics*.

### *Conference talks*

Yeshurun, Y., **Rashal, E.**, & Tkacz-Domb, S. (2015, August). Temporal crowding and the effects of spatial attention. The Tenth Meeting of the Advisory Council of Max Wertheimer Minerva Center for Cognitive Processes and Human Performance, University of Haifa, Israel. Abstract published in *Perception*, XX.

**Rashal, E.**, Yeshurun, Y., & Kimchi, R. (2015, March). Perceptual organization under inattention. The Tenth Meeting of the Advisory Council of Max Wertheimer Minerva Center for Cognitive Processes and Human Performance, University of Haifa, Israel.

Yeshurun, Y., **Rashal, E.**, & Tkacz-Domb, S. (2015, March). Crowding across time. The Tenth Meeting of the Advisory Council of Max Wertheimer Minerva Center for Cognitive Processes and Human Performance, University of Haifa, Israel.

**Rashal, E.**, Yeshurun, Y., & Kimchi, R. (2015, February). Competition between grouping principles: a primed-matching study. The second Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko (Acre), Israel.

**Rashal, E.**, Yeshurun, Y., & Kimchi, R. (2014, August). Competition between grouping principles: a primed-matching study. 37<sup>th</sup> European Conference on Visual Perception (ECVP), Belgrade, Serbia. Abstract published in *Perception* 43, supplement, 176.

**Rashal, E.** & Yeshurun Y. (2014, February). Effects of stimuli contrast and pre-cueing attention in crowding. The first Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko (Acre), Israel.

**Rashal, E.**, Kimchi, R & Yeshurun, Y. (2013, March). The time course of representation construction of competing grouping principles. The Ninth Meeting of the Advisory Council of Max Wertheimer Minerva Center for Cognitive Processes and Human Performance, University of Haifa, Israel.

Yeshurun, Y., **Rashal, E.**, & Spehar, B. (2013, March). Crowding modulations by spatial attention, stimuli contrast, and object formation. 33<sup>rd</sup> Annual Meeting of The Israeli Society of Vision and Eye Research.

### *Poster Presentations*

**Rashal, E.** & Wagemans, J. (2016, February). Blur depth cue alleviates attentional demands in perceptual grouping. The Third Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko (Acre), Israel.

## Einat Rashal - Curriculum Vitae

- Rashal, E.**, Yeshurun, Y., & Kimchi, R. (2015, August). When do we need attention for grouping? 38<sup>th</sup> European Conference on Visual Perception (ECVP), Liverpool, England. Abstract published in *Perception*, XX.
- Rashal, E.**, Yeshurun, Y., & Kimchi, R. (2014, May). Can the competition between grouping principles be resolved without attention? Vision Sciences Society (VSS), St Petersburg, FL, USA. Abstract published in *Journal of Vision*, 14(10):805, DOI: 10.1167/14.10.805.
- Tkacz-Domb, S., **Rashal, E.**, & Yeshurun, Y. (2014, May). Spatial and temporal crowding with normal observers. Vision Sciences Society (VSS), St Petersburg, FL, USA. Abstract published in *Journal of Vision*, 14(10), 778, doi:10.1167/14.10.778.
- Tkacz-Domb, S., **Rashal, E.**, & Yeshurun, Y. (2014). Spatial and temporal crowding with normal observers. The first Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko (Acre), Israel.
- Rashal, E.**, Kimchi, R., & Yeshurun, Y. (2013, June). Competition between grouping principles. The Annual Lecture in Memory of Mr. Charles E. Smith 2013, National Institute for Psychobiology in Israel, Hebrew University, Jerusalem, Israel.
- Rashal, E.**, Kimchi, R., & Yeshurun, Y. (2013, May). Competition between grouping principles. Vision Sciences Society (VSS), Naples, FL, USA. Abstract published in *Journal of Vision*, 13(9), 823, doi:10.1167/13.9.823.
- Rashal, E.** & Yeshurun Y. (2010, May). Temporal crowding with normal observers and its interplay with spatial crowding. Vision Sciences Society (VSS), Naples, FL, USA. Abstract published in *Journal of Vision*, 10(7), 1343, doi:10.1167/10.7.1343.
- Rashal, E.** & Yeshurun, Y. (2010, April). Do object-based effects merely reduce spatial costs? Selection and Control Mechanisms in Perception and Action. Joint Research Conference of the Institute for Advanced Studies and the Israel Science Foundation. The Hebrew University, Jerusalem.
- Rashal E.** & Yeshurun Y. (2009, May). The effects of transient attention and target contrast on crowding at different eccentricities. Vision Sciences Society (VSS), Naples, FL, USA. Abstract published in *Journal of Vision*, 9(8), 993, doi:10.1167/9.8.993.