

Michael Kubovy

Curriculum Vitæ

	work	home
✉	Department of Psychology University of Virginia P. O. Box 400400 Charlottesville, VA 22904-4400, USA	1938 Lewis Mountain Road Charlottesville, VA 22903-2451
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✉	kubovy@virginia.edu	mk9y@me.com

Career	2007 (April): Member, International Franqui Prize Jury (the highest scientific Belgian award).
Degrees	2006 (May), 2004 (May) & 2002 (Nov.): Senior Research Fellow, Lab. of Perceptual Dynamics, Riken Brain Inst., Wako-shi, Saitama, Japan.
B.A. 1965: Hebrew U. of Jerusalem, Jerusalem, Israel (psychology & philosophy)	2004 (Jul.–Aug.): Residency, Rockefeller Foundation's Study & Conference Center, Bellagio, Italy.
Ph.D. 1972: Hebrew U. of Jerusalem, Jerusalem, Israel (psychology). Advisor: Amos Tversky	2003: <i>The Wertheimer Lecture</i> , Frankfurt, Germany
Additional education	2003: <i>The Kanizsa Lecture</i> , Trieste, Italy
1971–1973: Visiting Res. Assoc., The U. of Illinois at Urbana-Champaign (post-doctoral advisor: Emanuel Donchin)	2001–02: Guggenheim Fellow (John Simon Guggenheim Memorial Foundation)
Experience	1999: <i>Irvin Rock Memorial Lecture</i> , UC Berkeley
1987–: Professor, U. of Virginia.	1998–99: James McKeen Cattell Fund Fellowship
1980–87: Associate ⇒ Professor, Rutgers U.	1995: Elected Fellow, Society of Experimental Psychologists
1973–79: Assistant ⇒ Associate Professor, Yale U.	1990: Senior Fellow, Commonwealth Center for Cultural and Literary Change, The U. of Virginia.
1971–73: Visiting Instructor ⇒ Assistant Professor, The U. of Illinois at Urbana-Champaign.	1989: Fellow, American Psychological Society.
Honors	1984: Fellow, Div. 1, 3, and 10 of the APA.
2009 (Sept. 28–Oct. 14): Resident scholar, <i>Casa Zia Lina</i> of the Swiss Thyll Foundation, on the Island of Elba, Italy.	

Professional activities

2010, Aug. 4–5: Member of expert meeting organized by the National Research Council's Board of Behavioral, Cognitive, and Sensory Sciences on behalf the National Cancer Institute to explore the research areas of sensory science and embodied cognition.
 2003–06: Secretary/Treasurer of the Society of Experimental Psychologists

Grants (past 10 years)

2010–12 NSF: *Gestalt detection* (BCS 1027120 / 1027259 [with Sergei Gepshtein of the Salk Institute]; \$500,000 [direct + indirect costs]).
 2007–09 Australian Research Council: *The Binding of Spatial and Nonspatial Features in the Retention of Visual and Auditory Information* (DP0773836; A\$187,000 [direct costs]; co-PIs: M.T. Mayberry [U of Western Australia], D.L. Van Valkenburg [UWA], F. Parmentier [U of Plymouth, UK] & D.M. Jones [Cardiff U, UK]).
 2003–08 USPHS: *Auditory Perceptual Organization* (R01 DC 005636; \$796,250 [direct costs]).
 1999–05 USPHS: *Gestalt detection* (R01 EY 12926-06; \$577,393 [direct costs]).
 1991–97 USPHS: *Gestalt detection* (R01 MH 47317-01; \$496,639 [direct costs]).

Memberships

American Psychological Association (Fellow), Association for Psychological Science (Fellow), Psychonomic Society, Society of Experimental Psychologists (Fellow), Vision Sciences Society

Journal Reviews

Acta Psychologica, Behavior & Brain Research, Cognition, Cognitive & Affective Neuroscience, Cognitive Psychology, Cognitive Science, Current Biology, Experimental Brain Research, International Journal of Computer Vision, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception & Performance, Journal of Experimental Psychology: Human Learning & Memory, Journal of Vision,

Perception, Perception & Psychophysics, Philosophical Psychology, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society–B, Psychonomic Bulletin & Review, Psychological Research, Psychological Review, Spatial Vision, Trends in Cognitive Sciences, Vision Research, Visual Cognition.

Reviews for Publishers

Cambridge University Press, MIT Press, Oxford, Norton, Psychology Press, Scholarpedia, Springer

Reviews for Granting Agencies

NIH, NSF, FWO—Flanders (Belgium) Research Foundation, ERA—Ontario (Canada) Early Research Award, Methusalem Program (Belgium), Franqui Prize (Belgium)

Consulting

2001: Proctor & Gamble on visual perception

Publications

Books

- Bertamini, M., & Kubovy, M (Eds.). (2006). *Human perception*. Aldershot, UK: Ashgate.
- Kubovy, M. (Ed.). (1986). Perceptual organization and cognition. Section VI in K. R. Boff, L. Kaufman, & J. P. Thomas (Eds.), *Handbook of perception and human performance: Vol. 2. Cognitive processes and performance*. New York, NY: Wiley.
- Kubovy, M. (1986). *The psychology of perspective and Renaissance art*. New York, NY: Cambridge U. Press. [1992, in Italian: *La freccia nell'occhio: Psicologia della prospettiva e arte rinascimentale* (G. Mancuso, Trans.). Padua: Muzzio. 1996, in Spanish: *La flecha en el ojo: Psicología de la perspectiva y el arte del renacimiento* (D. Lunes, Trans.). Madrid: Trotta.]
- Kubovy, M., & Pomerantz, J. R. (Eds.). (1981). *Perceptual organization*. Hillsdale, NJ: Lawrence Erlbaum.

Papers in Refereed Journals

- Gepshtein, S., Tyukin, I., & Kubovy, M. (in press). A failure of the proximity principle in the perception of motion. *Humana.Mente: Journal of Philosophical Studies*, 17. (Special issue on “Psychology of Perception,” edited by Riccardo Luccio.)
- Van den Berg, M., Schirillo, J., & Kubovy, M. (2011). Grouping by Regularity and the Perception of Illumination. *Vision Research*, 51, 1360–1371. (<http://dx.doi.org/10.1016/j.visres.2011.04.013>)
- Bianchi, I., Savardi, U., & Kubovy, M. (2011). Dimensions and their Poles: A Metric and Topological Approach to Opposites. *Language and Cognitive Processes* (published online: <http://www.tandfonline.com/doi/abs/10.1080/01690965.2010.520943>)
- Kubovy, M., & Schutz, M. (2010). Audio-visual objects. *Review of Philosophy and Psychology*, 1, 41–61. (Special issue on “Objects and Sound Perception,” edited by Nicolas J. Bulot and Paul Égré.) (<http://dx.doi.org/10.1007/s13164-009-0004-5>)
- Schutz, M. & Kubovy, M. (2009). Causality and audio–visual integration. *Journal of Experimental Psychology: Human Perception & Performance*, 35, 1791–1810. (<http://dx.doi.org/10.1037/a0016455>)
- Schutz, M. & Kubovy, M. (2009). Deconstructing a musical illusion: Point-light representations capture salient properties of impact motions. *Canadian Acoustics*, 37, 23–28.
- Nikolaev, A. R., Gepshtein, S. Kubovy, M., & van Leeuwen, C. (2008). Dissociation of early evoked cortical activity in perceptual grouping. *Experimental Brain Research*, 186, 107–122. (<http://dx.doi.org/10.1007/s00221-007-1214-7>)
- Kubovy, M., & Van den Berg, M. (2008). The whole is equal to the sum of its parts: A probabilistic model of grouping by proximity and similarity in regular patterns. *Psychological Review*, 115(1), 131–154. (<http://dx.doi.org/10.1037/0033-295X.115.1.131>)
- Gepshtein, S., Tyukin, I., & Kubovy, M. (2007). The economics of motion perception and invariants of visual sensitivity. *Journal of Vision*, 7(8), 1–18. (<http://dx.doi.org/10.1167/7.8.8>)
- Gepshtein, S., & Kubovy, M. (2007). The lawful perception of apparent motion. *Journal of Vision*, 7(8), 1–15. (<http://dx.doi.org/10.1167/7.8.9>)
- Strother, L. & Kubovy, M. (2006). On the surprising salience of curvature in grouping by proximity. *Journal of Experimental Psychology: Human Perception & Performance*, 32, 226–234. (<http://dx.doi.org/10.1037/0096-1523.32.2.226>)
- Gepshtein, S. & Kubovy, M. (2005). Stability and change in perception: Spatial organization in temporal context. *Experimental Brain Research*, 160, 487–495. (<http://dx.doi.org/10.1007/s00221-004-2038-3>)
- Kubovy, M. (2004). Goya breaks Alberti's window to send a message. *Rivista di Estetica*, n.s., 43, No. 24, 89–95.
- Strother, L., Van Valkenburg, D. & Kubovy, M. (2003). Toward a psychophysics of perceptual organization using multistable stimuli and phenomenal reports. *Axiomathes*, 13, 283–302.
- Strother, L. & Kubovy, M. (2003). Perceived complexity and the grouping effect in band patterns. *Acta Psychologica*, 114, 229–244. (<http://dx.doi.org/10.1016/j.actpsy.2003.06.001>)
- Van Valkenburg, D. & Kubovy, M. (2003). In defense of the theory of indispensable attributes. *Cognition*, 87, 225–233. ([http://dx.doi.org/10.1016/S0010-0277\(03\)00005-2](http://dx.doi.org/10.1016/S0010-0277(03)00005-2))
- Kubovy, M. & Van Valkenburg, D. (2001). Auditory and visual objects. *Cognition*, 80, 97–126. [Reprinted in Bertamini & Kubovy (2006).] ([http://dx.doi.org/10.1016/S0010-0277\(00\)00155-4](http://dx.doi.org/10.1016/S0010-0277(00)00155-4))
- Kubovy, M., & Epstein, W. (2001). Internalization: A metaphor we can live without. *Behavioral & Brain Sciences*, 24, 618–625, 757–757. [Special issue of *BBS* devoted to a critique of Shepard's (1994) account of perceptual-cognitive Universals as internalizations of non-stochastic physical structure in the environment. Guest editors: L. T. Maloney, R. Mausfeld, &

- D. Heyer.] (<http://dx.doi.org/10.1017/S0140525X01000048>)
- Gepshtein, S. & Kubovy, M. (2000). The emergence of visual objects in space-time. *Proceedings of the National Academy of Sciences*, 97, 8186–8191. (<http://dx.doi.org/10.1073/pnas.97.14.8186>)
 - Kubovy, M., Cohen, D. J., & Hollier, J. (1999). Feature integration that routinely occurs without focal attention. *Psychonomic Bulletin & Review*, 6, 183–203.
 - Yang, T., & Kubovy, M. (1999). Perceiving transformations of space in perspective pictures. *Perception & Psychophysics*, 61, 456–467.
 - Kubovy, M., & Holcombe, A. O., & Wagemans, J. (1998). On the lawfulness of grouping by proximity. *Cognitive Psychology*, 35, 71–98.
 - Bertamini, M., Friedenber, J., & Kubovy, M. (1997). Detection of symmetry and perceptual organization: How a lock-and-key process works. *Acta Psychologica*, 95, 119–140.
 - Kubovy, M., & Wagemans, J. (1995). Grouping by proximity and multistability in dot lattices: A quantitative gestalt theory. *Psychological Science*, 6, 225–234.
 - Kubovy, M. (1994). The perceptual organization of dot lattices. *Psychonomic Bulletin & Review*, 1, 182–190.
 - Cohen, D. J., & Kubovy, M. (1993). Mental rotation, mental representation, and flat slopes. *Cognitive Psychology*, 25, 351–382.
 - Mauro, R., & Kubovy, M. (1992). Caricature and face recognition. *Memory & Cognition*, 20, 433–440.
 - Kubovy, M. (1989). Twice blessed: A Renaissance perspective on human perception. *The Sciences*, 29, 38–39.
 - Kubovy, M. (1988). Should we resist the seductiveness of the space:time: :vision:audition analogy? *Journal of Experimental Psychology: Human Perception & Performance*, 14, 318–320.
 - Kubovy, M., & Pickover, C. (1985). Speech vectorgram. *IBM Technical Disclosure Bulletin*, 27, 6774–6775.
 - Kubovy, M., & Daniel, J. (1983). Pitch-segregation by interaural phase, by onset, and by monaural phase. *Journal of the Audio Engineering Society*, 31, 630–635.
 - Healy, A. F., & Kubovy, M. (1981). Probability matching and the formation of conservative decision rules in a numerical analog of signal detection. *Journal of Experimental Psychology: Human Learning & Memory*, 7, 344–354.
 - Kubovy, M., & Podgorny, P. (1981). Does pattern matching require normalization of size and orientation? *Perception & Psychophysics*, 30, 24–28.
 - Kubovy, M., & Jordan, R. (1979). Tone-segregation by phase: On the phase sensitivity of the single ear. *Journal of the Acoustical Society of America*, 66, 100–106.
 - Healy, A. F., & Kubovy, M. (1978). The effects of payoffs and prior probabilities on cutoff location in recognition memory. *Memory & Cognition*, 6, 544–553.
 - Kubovy, M. (1978). A reply to Dusoir. *Perception & Psychophysics*, 23, 546–553.
 - Kubovy, M. (1977). A possible basis for conservatism in signal detection and probabilistic categorization tasks. *Perception & Psychophysics*, 22, 277–281.
 - Kubovy, M. (1977). Response availability and the apparent spontaneity of numerical choices. *Journal of Experimental Psychology: Human Perception & Performance*, 3, 359–364.
 - Kubovy, M., & Healy, A. F. (1977). Numerical decision and the ideal learner: A reply to Dorfman. *Journal of Experimental Psychology: General*, 106, 450–452.
 - Kubovy, M., & Healy, A. F. (1977). The decision rule in probabilistic categorization: What it is and how it is learned. *Journal of Experimental Psychology: General*, 106, 427–446.
 - Healy, A. F., & Kubovy, M. (1977). A comparison of recognition memory to numerical decision: How prior probabilities affect numerical cutoff location. *Memory & Cognition*, 5, 3–9.
 - Kubovy, M., & Howard, F. P. (1976). Persistence of a pitch-segregating echoic memory. *Journal of Experimental Psychology: Human Perception & Performance*, 2, 531–537.

- Kubovy, M., & Psotka, J. (1976). The predominance of seven and the apparent spontaneity of numerical choices. *Journal of Experimental Psychology: Human Perception & Performance*, 2, 291–294. [Reprinted in Matheson, D. W., Bruce, R. L., & Beauchamp, K. L. *Experimental psychology: Research design and analysis* (3d edition). New York, NY: Holt, Rinehart, & Winston, 1978.]
- Kubovy, M., & Tzelgov, J. (1975). A test of Vitz and Todd's model of the judged complexity of straight-line figures. *Perception & Psychophysics*, 18, 186–190.
- Kubovy, M., Cutting, J., & McGuire, R. M. (1974). Hearing with the third ear: Dichotic perception of a melody without monaural familiarity cues. *Science*, 186, 272–274.
- Donchin, E., Kubovy, M., Kutas, M., & Johnson, R. (1973). Graded changes in evoked response (P300) amplitude as a function of cognitive activity. *Perception & Psychophysics*, 14, 319–324.
- Kubovy, M., & Trahiotis, C. (1972). Misleading textbook illustrations of simple harmonic motion. *Journal of Speech & Hearing Research*, 15, 807–810.
- Kubovy, M., Rapoport, A., & Tversky, A. (1971). Deterministic vs. probabilistic strategies in detection. *Perception & Psychophysics*, 9, 427–429.
- Kahneman, D., Norman, J., & Kubovy, M. (1967). Critical duration for the resolution of form: Centrally or peripherally determined? *Journal of Experimental Psychology*, 73, 323–327.
- Kubovy, M., & Strother, L. (2004). The perception of friezes: Going beyond geometry. In D. Washburn (Ed.), *Embedded Symmetries* (pp. 19–26). Dragoon, AZ: Amerind Foundation & University of New Mexico Press.
- Kubovy, M., & Gepshtein, S. (2003). Grouping in space and in space-time: An exercise in phenomenological psychophysics. In M. Behrmann & R. Kimchi (Eds.), *Perceptual Organization in Vision: Behavioral and Neural Perspectives* (pp. 45–85). Mahwah, NJ: Lawrence Erlbaum.
- Kubovy, M., Epstein, W., & Gepshtein, S. (2003). Foundations of visual perception. In A. F. Healy & R. W. Proctor (Eds.), *Experimental Psychology* (pp. 87–119). Volume 4 in I. B. Weiner (Editor-in-Chief) *Handbook of psychology*. New York, NY: Wiley.
- Kubovy, M. (2002). Phenomenology, cognitive. In L. Nadel (Ed.), *Encyclopedia of Cognitive Science* (pp. –). London, UK: Nature Publishing Group.
- Kubovy, M. (2000). Visual and design arts. In A. E. Kazdin (Ed.), *Encyclopedia of Psychology* (vol. 8, pp. 188–193). Washington, DC & New York, NY: APA & Oxford U. Press.
- Kubovy, M., & Gepshtein, S. (2000). Gestalt: From Phenomena to Laws. In K. Boyer & S. Sarkar (Eds.), *Perceptual Organization for Artificial Vision Systems* (pp. 41–72). Dordrecht, the Netherlands: Kluwer Academic Publishers.
- Kubovy, M. (1999). Gestalt psychology. In R. A. Wilson & F. C. Keil (Eds.), *The MIT Encyclopedia of the Cognitive Sciences* (pp. 346–349). Cambridge, MA: MIT Press.
- Kubovy, M. (1999). Pleasures of the mind. In D. Kahneman, E. Diener & N. Schwarz (Eds.), *Well-being: The Foundations of Hedonic Psychology* (pp. 134–154). New York, NY: Russell Sage Foundation.
- Boker, S. M., & Kubovy, M. (1998). The perception of segmentation in sequences: Local information provides building blocks for global structure. In D. A. Rosenbaum & C. E. Collyear, *Timing of behavior: Neural, computational, and psychological perspectives* (pp. 109–123). Cambridge, MA: MIT Press.

Chapters in Books

- Kubovy, M., Epstein, W., & Gepshtein, S. (in press). Foundations of visual perception. In A. F. Healy & R. W. Proctor (Eds.), *Experimental Psychology*. Volume 4 in I. B. Weiner (Editor-in-Chief) *Handbook of psychology* (2nd ed.). New York, NY: Wiley.
- Van Valkenburg, D., & Kubovy, M. (2004). From Gibson's fire to Gestalts: A bridge-building theory of perceptual objecthood. In J. Neuhoff (Ed.), *Ecological Psychoacoustics* (pp. 113–147). San Diego, CA: Elsevier Science.

- Boker, S., & Kubovy, M. (1998). Predicting the grouping of rhythmic sequences using local estimators of information content. In Rosenthal, D. & Okuno, H. G. (Eds.), *Readings in Computational Auditory Scene Analysis* (pp. 309–319). Mahwah, NJ: Erlbaum.
 - Kubovy, M. (1998). Psychology of perspective. In M. Kelly (Ed.), *Encyclopedia of Aesthetics* (Vol. 3, pp. 481–485). New York, NY: Oxford U. Press.
 - Kubovy, M. (1996). Perceptual tools for looking at Forge's paintings. *Andrew Forge: Catalog published on the occasion of an exhibition at the Yale Center for British Art* (pp. 15–25). New Haven, CT: Yale Center for British Art.
 - Kubovy, M. (1995). Symmetry and similarity: The phenomenology of decorative patterns. C. Cacciari (Ed.), *Similarity in Language, Thought, and Perception* (pp. 41–66). Turnhout, Belgium: Brepols.
 - Kubovy, M., & Gilden, D. (1991). Apparent randomness is not always the complement of apparent order. In G. Lockhead & J. R. Pomerantz (Eds.), *The Perception of Structure* (pp. 115–127). Washington, DC: American Psychological Association.
 - Kubovy, M. (1987). Concurrent pitch segregation. In W. R. Yost, & C. S. Watson (Eds.), *Auditory Processing of Complex Sounds* (pp. 299–314). Hillsdale, NJ: Lawrence Erlbaum.
 - Pomerantz, J. R., & Kubovy, M. (1986). Theoretical approaches to perceptual organization: Simplicity and likelihood principles. In K. R. Boff, L. Kaufman, & J. P. Thomas (Eds.), *Handbook of Perception and Human Performance: Vol. 2. Cognitive Processes and Performance* (pp. 36-1–36-46). New York, NY: Wiley.
 - Kubovy, M. (1986). Overview of Section VI. In K. R. Boff, L. Kaufman, & J. P. Thomas (Eds.), *Handbook of Perception and Human Performance: Vol. 2. Cognitive Processes and Performance* (pp. vi-1–vi-9). New York: Wiley.
 - Kubovy, M. (1983). Artists as avant-garde psychologists. B. Collings (Ed.), *Aspects of Perception: Art and Cognitive Science* (pp. 48–51). Richmond, VA: Virginia Commonwealth U.
 - Pomerantz, J. R., & Kubovy, M. (1981). Perceptual organization: An overview. In M. Kubovy, & J. R. Pomerantz (Eds.), *Perceptual Organization* (pp. 423–456). Hillsdale, NJ: Lawrence Erlbaum.
 - Kubovy, M. (1981). *Concurrent pitch segregation and the theory of indispensable attributes*. In M. Kubovy, & J. R. Pomerantz (Eds.), *Perceptual Organization* (pp. 55–98). Hillsdale, NJ: Lawrence Erlbaum.
 - Kubovy, M., & Healy, A. F. (1981). Process models of probabilistic categorization. In T. Wallsten (Ed.), *Cognitive Processes in Choice and Decision Behavior* (pp. 239–262). Hillsdale, NJ: Lawrence Erlbaum.
 - Kubovy, M. (1979). Two hypotheses concerning the interrelation of perceptual spaces. In L. D. Harmon (Ed.), *Interrelations of the Communicative Senses: Proceedings of a conference held at Asilomar, California, Sept. 29–Oct. 2, 1978*. Cleveland, Ohio: Case Western Reserve U.
- Book Reviews and Comments
- Kubovy, M. (2003). Cognitive science and its discontents. (Review of P. Dodwell, “Brave New Mind.”) *Contemporary Psychology*, 48, 520–524.
 - Kubovy, M. & Cohen, D. J. (2001). What boundaries tell us about binding. *Trends in Cognitive Sciences*, 5, 93–95.
 - Cohen, D. J., & Kubovy, M. (1999). Even feature integration is cognitively impenetrable. *Behavioral & Brain Sciences*, 22, 371–372, 414–423. [Commentary on Pylyshyn, Z. (1999). Is vision continuous with cognition? The case for cognitive impenetrability of visual perception. *Behavioral & Brain Sciences*, 22, 341–423.]
 - Kubovy, M. (1992) Review of “Cognitive Foundations of Musical Pitch” by Carol L. Krumhansl. *American Scientist*, 80, 199.
 - Kubovy, M. (1983). Mental imagery majestically transforming cognitive psychology. (Review of R. N. Shepard & L. Cooper, “Mental images and their transformations.”) *Contemporary Psychology*, 28, 661–663.
 - Kubovy, M. (1981). A review of rare and

excellent matters. (Review of K. Connolly (Ed.), "Psychology survey no. 2.") *Contemporary Psychology*, 26, 471–472.

- Kubovy, M. (1979). How probable and useful are subjective probability and utility? (Review of "Decision making and change in human affairs," edited by H. Jungerman & G. de Zeeuw.) *Contemporary Psychology*, 24, 174–175.
- Kubovy, M. (1979). Review of "Attention & Performance VI," edited by S. Dornič. *American Scientist*, 67, 114.
- Kubovy, M. (1975). Review of "Illusion in nature and art," edited by R. L. Gregory & E. H. Gombrich. *American Scientist*, 63, 476.

Public lectures (past 10 years)

Invited Departmental Colloquia

- 2010–11: Israel: Haifa U., Tel-Aviv U., Ben-Gurion U., Hebrew U. of Jerusalem, Weizmann Inst. of Science
- 2009–10: *Summer at Census* series at the U.S. Census Bureau
- 2008–09: France: U. Paris Descartes
- 2006–07: Belgium: U. of Leuven
- 2004–05: Florida Atlantic U.; Israel: Haifa U., Ben-Gurion U., Center for the Study of Rationality (Hebrew U. of Jerusalem)
- 2003–04: Italy: U. of Padua; Japan: Tokyo U.; Nihon U. (Tokyo); RIKEN Brain Science Institute
- 2002–03: Japan: Tokyo U.; Nihon U. (Tokyo); RIKEN Brain Science Institute; Italy: U. of Trieste.
- 2001–02: Rice U.; Belgium: U. of Leuven

Invited Addresses at Conferences

- 2010 * *Pleasure and the Dynamics of Static Works of Art*, Brussels (Belgium), Nov. 22–23 (*Art & Perception*, conference, sponsored by the Royal Flemish Academy of Belgium for Science and the Arts).
 * *The Uses of Perspective and the Adoration of the Lamb*, Brussels (Belgium), Nov. 24–26 (*Vision & Material: Interaction between art and science in Jan Van Eyck's time*,

conference, sponsored by the Royal Flemish Academy of Belgium for Science and the Arts).

- 2009 * LECTURED at the *Two Eyes—Two Ears—One System?* Summer School, organized by the Neurosensory Research Center, University of Oldenburg. September 13–18, Bad Berderkesa, Gut Ankelohe (Germany)
 * *Multisensory Integration*, Regensburg, Germany, Aug. 24–28 (Symposium at the 32nd annual European Conference on Visual Perception).
- 2008 * *Liberty, Responsibility, and Individuality in Jorge Luis Borges. A Liberty Fund colloquium*. Miami Beach, FL, December 18–21.
 * Audio-visual objects. *Sound Objects in Films. International Symposium organized by the Centre de Recherches sur les Arts et le Langage (CRAL), École des Hautes Études en Sciences Sociales (EHESS)*, Paris, October 16–17.
 * Pleasure and the dynamics of static works of art. *Pictures, emotions and make-believe. The philosophy and psychology of picture perception*, Gargnano del Garda, Italy, June 18–20.
 * *Art, Creativity and Learning Workshop*, NSF campus, Arlington, VA, June 11–13 (sponsored by NSF).
- 2007 * *Symposium on "Piero della Francesca's Vision: Dialogues between Art and Science"*, Arezzo, Italy, Aug. 26–27 (satellite meeting of the 30th annual European Conference on Visual Perception).
 * *Meeting of the Gestalt Theory Association*, Macerata, Italy, May 25–27.
 * *Visual Organization and Computation*, Sarasota, FL, May 11 (satellite symposium at the 2007 Visual Sciences Society Meeting).
 * *Conference on picture perception* (organized by Pascal Mamassian & Marty Banks), Univ. of California, Berkeley, Mar. 23–25.
- 2006 * *Conference on Configural Processing*, Rice Univ., Houston, TX, Nov. 15.
 * There are no perceptual illusions: only meta-perceptual experiences. *The crooked oar. The illusions of outer and inner perception. Philosophy and psychology*, Gargnano del Garda, Italy, Sept. 18–19.

- 2005 * Phenomenological Psychophysics and Mathematical Models of Gestalt Phenomena. Keynote Address, SQAB (*Society for the Quantitative Analyses of Behavior*), Chicago, IL, May 27–28.
 * How much of the male gaze is male? Invited contribution to symposium on Cognition and Film. SCMS (*Society for Cinema & Media Studies*), London, UK, Mar. 31–Apr. 3.
- 2004 * How Newton, Kant and the Gestalt Psychologists led us astray. Some new ideas about perception. *The Henkels Lecture*, Notre Dame University, April 2.
- 2003 * Regular patterns in visual, auditory, and aesthetic perception. *The Kanizsa Lecture*, Trieste, Italy, October 17.
 * The quantification of phenomenal experience: A new approach to Wertheimer's laws of perceptual organization. *The Wertheimer Lecture*, Frankfurt, Germany, April 29.
 * Phenomenological and traditional Psychophysics: Their strengths and weaknesses. *The Foundations of Perceptual Organization*. Symposium sponsored by the University of Bologna, April 24.
- 2002 * Visually driven pleasure *Invited address*.
 ECVP [European Conference on Visual Perception], Glasgow, August 25-29.
 * Auditory and visual Objects—Implications for Music. *Strumento tradizionale—strumento digitale: le nuove tecnologie applicate alla Musica e alla Multimedialità* [Traditional and digital instruments: new technologies applied to music and multimedia], Sponsored by the Conservatory of Music, Verona, Italy, June 21–22.
 * Phenomenology, phenomenological psychophysics, and perceptual organization. *The Legacy of Gaetano Kanizsa in cognitive science*. Sponsored by the Mitteleuropa Foundation, Bolzano, Italy, June 10–12.
 * (with D. Van Valkenburg) Auditory and visual objects. *The Legacy of Gaetano Kanizsa in cognitive science*. Sponsored by the Mitteleuropa Foundation, Bolzano, Italy, June 10–12.
 * (with D. Van Valkenburg) On the Phenomenology of Presence. *Presence Research Activities*. Information Day sponsored by the Future and Emerging Technologies Initiative of the EU, Brussels, January 10.