

Curriculum Vitae  
NICOLA BRUNO  
Dipartimento di Medicina e Chirurgia (DiMeC), Unità di Neuroscienze  
Università di Parma

Biographical:

Born: Trieste (I), 14 October 1961

Laurea in Filosofia (1985), Università di Trieste (I)

Ph.D. Human Experimental Psychology (1990), Cornell University (USA)

Dottorato Percezione e Psicofisica (1992), Università di Padova (I)

Current position: full professor of General Psychology, Università di Parma (I),  
professore ordinario di Psicologia Generale (M-PSI/01)

Previous positions: full professor of General Psychology, Università di Trieste (I);  
associate professor, Università di Trieste (I); assistant professor, Università di  
Trieste (I); visiting professor, Cornell University (USA); University of Virginia  
(USA); Southampton University (UK).

Teaching:

2019-current:

Laurea specialistica in "Psicobiologia e Neuroscienze Cognitive" Percezione e  
Psicofisica (Perception and Psychophysics) (8 cfu); "Cognizione" (Cognition) (6  
cfu); Università di Parma; Laurea triennale "Tecniche di Radiologia": "Psicologia  
Generale" (General Psychology) (3 cfu). Laurea in "Medicina e Chirurgia":  
"Psicologia Generale" (General Psychology) (1 cfu), Università di Parma. Laurea  
triennale in "Psicologia": Psicologia della Percezione e dell'Attenzione  
(Perception and Attention) (6 cfu), Università S. Orsola Benincasa, Napoli.

2013-2019:

Laurea specialistica in "Psicobiologia e Neuroscienze Cognitive" Percezione e  
Psicofisica (Perception and Psychophysics) (8 cfu); Tecniche di Analisi di Dati  
(Data analysis techniques) (8 cfu); Università di Parma; Laurea triennale in  
"Psicologia": Psicologia della Percezione e dell'Attenzione (Perception and  
Attention) (6 cfu), Università S. Orsola Benincasa, Napoli; Neural correlates of  
perception and attention, (6 cfu), Università S. Orsola Benincasa, Napoli.

2011-2013:

Laurea specialistica in "Psicologia": Psicologia della Percezione (Advanced  
Cognitive Psychology: Perception) (8 cfu), Università di Parma; Laurea  
specialistica in "Psicologia": Presentazione Visiva di Dati (Visual Data  
Presentation) (4 cfu), Università di Parma

Laurea triennale in "Psicologia": Corso di Psicologia della Percezione e  
dell'Attenzione (Perception and Attention) (8 cfu), Università S. Orsola  
Benincasa, Napoli.

2010-2011:

Laurea specialistica in "Psicologia": Psicologia Generale Progredito: Percezione  
(Advanced Cognitive Psychology: Perception) (8 cfu), Università Parma; Laurea  
triennale in: "Scienze e Tecniche Psicologiche": Corso di Psicologia della  
Percezione (Undergraduate perception) (4 cfu), Università di Parma.

2009-2010:

Laurea specialistica in "Psicologia": Corso di Psicologia Generale Progredito: Percezione (Advanced Cognitive Psychology: Perception) (8 cfu), Università di Parma

Laurea specialistica in "Psicologia": Corso di Psicologia dell'Apprendimento e della Memoria (Advanced Cognitive Psychology: Learning and memory) (e cfu), Università di Parma

Laurea triennale in: "Scienze e Tecniche Psicologiche": Corso di Psicologia della Percezione (Undergraduate perception) (4 cfu), Università di Parma

2008-2009:

Laurea triennale in: "Scienze e Tecniche Psicologiche": Psicologia Generale (Cognitive Psychology) (8 cfu), Università di Parma

2007-2008:

Laurea triennale in: "Scienze e Tecniche Psicologiche": Psicologia Generale e Dinamica (Cognitive and dynamic psychology) (12 crediti);

Laurea specialistica in "Psicologia": Processi cognitivi avanzato (Advanced cognition) (4 crediti); Laurea specialistica in "Scienze della Riabilitazione" (Università di Medicina): Percezione e azione multimodale (Multimodal perception and action) (3 crediti). Università di Parma

2006-2007:

sabbatical leave

2000-2006:

Psicologia dei processi cognitivi -

<http://www.psico.univ.trieste.it/users/nick/ppc.htm>

Presentazione e interpretazione di dati -

<http://www.psico.univ.trieste.it/users/nick/PEID/peid.html>

Psicologia dei processi cognitivi avanzato -

<http://www.psico.univ.trieste.it/users/nick/ppcavanzato.pdf>

Percezione e azione multimodale (master "Basi neurocognitive della riabilitazione motoria")

Exploratory Analysis using DataDesk (graduate course)

Assistant, Psychology 350 - Statistics and Experimental Design, Cornell University, Ithaca, NY, USA (1986)

Assistant, Psychology 209 - Developmental Psychology, Cornell University, Ithaca, NY, USA (1987)

Lecturer, Psychology 205 - Perception, Cornell University, Ithaca, NY, USA (1986)

Lecturer, Psicometria, Università di Trieste, Italy (1990-1993; 1996-1998)

Visiting Assistant Professor, Psychology 205 - Perception, Cornell University, Ithaca, NY, USA (1993)

Visiting Lecturer, Perception University of Southampton, UK (1995)

Visiting Professor, Perception, Lorentz Eotvos University, Budapest, HU (1996)

Visiting Professor, Psychology 406 - Theories of Perception, and Psychology 306 - Statistics and Experimental Design, University of Virginia, Charlottesville, VA, USA (1997)

Associate professor, Psicologia Generale, Università di Trieste (1998-2000)

Visiting professor, Psicologia Generale, Università Vita-Salute "S. Raffaele", Milano (2000-2001)

Visiting professor, Psicometria, Istituto Universitario "Suor Orsola Benincasa", Napoli (2002-2004)

Visiting professor, Scienze della visione, (2005-2006) Istituto Universitario "Suor Orsola Benincasa", Napoli

#### Graduate supervision:

Current: member of the Neuroscience Ph. D. program, Dipartimento di Medicina e Chirurgia, Università di Parma: Stefano Uccelli

Dottorato di ricerca in psicologia, Università di Trieste: Paolo Bernardis (Ph.D.

2004 – present position: associate professor, Facoltà di Psicologia, Università di Trieste; Alessandra Jacomuzzi (Ph.D. 2006 – present position: assistant professor, dipartimento di Filosofia, Università "Ca' Foscari", Venezia)

International Ph.D. program Trieste – Naples - Edimburgh in “Experimental Psychology and Cognitive Neurosciences”: Antimo Buonocore (Ph.D. 2010 - present position: post doctoral researcher, Center for Integrative Neuroscience, Tübingen (D)

Committee member for thesis defense, dottorato in Percezione e Psicofisica, Università di Padova (2002, 2007); doctoral program, University of Hong Kong (2013).

#### Administration:

Delegate for quality management, laurea triennale in "Psicologia sperimentale e Psicobiologia", Facoltà di Psicologia, Università di Trieste (2001-2003)

Coordinator (Presidente), laurea triennale in "Psicologia sperimentale e Psicobiologia", Facoltà di Psicologia, Università di Trieste (2001-2003)

Department Head (Direttore), Dipartimento di Psicologia, Università di Trieste (2004-2006)

Vice-Dean (vice Preside), Facoltà di Psicologia, Università di Parma (November 2009-2011)

Coordinator (Presidente), Laurea Specialistica (Master program) in "Psicobiologia e Neuroscienze Cognitive", Università di Parma. (2013-2020)

#### Fellowships, Grants, Publications

##### Grants:

Fulbright Scholarship for exchanges Italy - USA (1985)

Cornell Sage Graduate Fellowship (1986)

Cornell Walter Schön Lenk Fellowship (1989)

Borsa di studio dottorato di Ricerca (1987-90 )

George Soros Foundation Visting Professorship (1996)

Progetto “Ricercatori all’Estero”, Università di Trieste (1997-98)

Local unit coordinator, PRIN 9811330722\_005 “Perceived color and the spatial organization of the visual scene”, coordinatore nazionale W. Gerbino (1998)

National coordinator, PRIN 9911333852, “Kinetic contours, 3D structure from motion, and eye movements”, unica unitr (1999)

National coordinator, PRIN MM0533411, “Psychophysics and colorimetry in the color of natural surfaces”, with C. Oleari, Parma (2000)

Local unit coordinator, PRIN 2003059237\_003, “Dissociations in multimodal perception and action”, national coordinator P. Battaglini, with M Gentilucci, Parma (2003)

Local unit coordinator, PRIN 2005057573\_004, "Linking touch to vision for recognition and communication", national coordinator P. Battaglini, with M. Gentilucci, Parma e C. de' Sperati, Milano “S. Raffaele” (2005)

National coordinator, PRIN 2008RBFNLH, "IAPAC: Integrative approaches to perception, action, and consciousness", with M. Gentilucci, Parma, P. Battaglini, Trieste, C. de' Sperati, Milano "S. Raffaele", G. Mirabella, L'Aquila (2008)

#### Learned Societies:

Vision Sciences Society (member, 2001-2009)  
Psychonomic Society (associate, 1990 -2000)  
Association for Research in Vision and Ophthalmology (member, 1993 -2000)  
Behavioral and Brain Sciences (Associate, 1995-)  
American Psychological Association (member, 2008-)

#### Editorships:

Consulting Editor, Psychonomic Bulletin & Review (1995 -1999)  
Guest Editor, Cognitive Neuropsychology (Special Issue "Integrative Approaches on Perception and Action", 2008)  
Action Editor, Cognitive Neuropsychology (2009)  
Acta Psychologica, Editorial Board member (2012-current)  
Topic Editor, Frontiers in psychology (Frontiers Research Topic "Understanding selfies", 2017)  
Associate Editor, Frontiers in Human-Media Interaction (specialty section of Frontiers in ICT, Frontiers in Psychology and Frontiers in Digital Humanities) (2017-current)

#### Organizing:

Co-organizer: The annual Trieste Symposium on Perception and Cognition (1993-1999; 2006)  
Local Co-organizer: European Conference on Visual Perception, Trieste, August 1999  
Organizer: Workshop "Cockroaches to culture: current controversies in Cognition", Trieste, 24-25 November 2007  
[<http://www.psico.univ.trieste.it/users/nick/program.html>]  
Organizer: Workshop "Art, Images, and Minds", Trieste, September 2, 2017

#### Scientific Committees

ECVP 1999, Trieste (I) 23-27 August, 1999.  
ECVP 2014, Belgrade (SR) August 24-28, 2014.  
ECVP 2015, Liverpool (UK), August 23-27, 2015.  
GTA 2015, Parma (I), May 2015.  
VSAC 2017, Berlin (D), August 25-27, 2017.  
VSAC 2018, Trieste (I), August 24-26, 2018.  
VSAC 2019, Leuven (B), August 21-24, 2019.

#### Reviewing, Journals:

Acta Psychologica, Attention, Perception & Psychophysics, Behavioral and Brain Sciences, Brain and Cognition, Experimental Brain Research, Giornale Italiano di Psicologia, Iranian Journal of Science and Technology, Journal of the Optical Society of America: A, Journal of Experimental Psychology: Human Perception and Performance, Journal of Vision, Journal of Cognitive Neuroscience, Naturwissenschaften, Neuropsychologia, Psychonomic Bulletin & Review, Perception, Psychological Science, Spatial Vision, Trends in Cognitive Sciences, Laterality, Frontiers in Psychology, Journal of Vision, Frontiers in Psychology, Frontiers in Human-Media Interaction, Scientific Reports.

#### Reviewing, Grant Proposals:

Natural Sciences and Engineering Research Council of Canada (2006)  
Israel Science Foundation (2007)  
UK Medical Research Council (2007)  
Natural Sciences and Engineering Research Council of Canada (2008, 2009)  
UK Engineering and Physical Sciences Research Council (2009)  
FWO - Research Foundation Flanders (2011, 2015), reviewer  
MIUR, Italy - FIRB "Futuro in ricerca" (2011)

MIUR, Italy - PRIN 2009 (2011)

FWO, Research Foundation Flanders (2021 - 2013), Review College member

## BIBLIOMETRICS

Google Scholar citations: 2590 (H-index = 25)

Scopus citations: 1296 (H-index = 20)

## PUBLICATIONS

Peer reviewed Journals:

1. Bruno, N. & Cutting, J.E. (1988). Minimodularity and the Perception of Layout. *Journal of Experimental Psychology: General*, 117, 161-170.
2. Cutting, J.E., & Bruno, N. (1988). Additivity, subadditivity, and the use of visual information: A reply to Massaro (1988). *Journal of Experimental Psychology: General*, 117, 422-424.
3. Bruno, N., & Bertamini, M. (1990). Identifying contours from occlusion events. *Perception and Psychophysics*, 48, 331-342.
4. Bruno, N. & Gerbino, W. (1991). Illusory Figures Based on Local Kinematics. *Perception*, 20, 257-274.
5. Cutting, J.E., Bruno, N., Moore, C. & Brady, N.P. (1992). Sensitivity and selectivity of models: A lesson from fitting judgements of perceived depth. *Journal of Experimental Psychology: General*, 121, 364-381.
6. Bruno, N. (1994). Failures of Lightness Constancy, Edge Integration, and Local Edge Enhancement. *Vision Research*, 34, 2205-2214.
7. Agostini, T., & Bruno, N. (1996). Lightness contrast in paper-and-illuminant and CRT-simulated displays. *Perception & Psychophysics*, 58, 250-258.
8. Massironi, M., & Bruno, N. (1997). The perception of surface folding in static and animated displays. *Perception*, 26, 153-170.
9. Bruno, N., Bertamini, M., & Domini, F. (1997). Amodal completion of partly occluded surfaces: Is there evidence for a "mosaic" stage? *Journal of Experimental Psychology: Human Perception and Performance*, 23, 1-15.
10. Bruno, N., Bernardis, P., & Schirillo, J. (1997). Lightness, equivalent backgrounds, and anchoring. *Perception & Psychophysics*, 59, 643-654.
11. Gerbino, W. & Bruno, N. (1997). Paradoxical Rest. *Perception*, 26, 1549-1554.
12. Bruno, N. (1997) Indirect Perception. *Trends in Cognitive Sciences*, 1, 319.
13. Bruno, N. (1999) Eye movements and all that jazz. *Trends in Cognitive Sciences*, 3, 205.
14. Bruno, N. (2000) All on the surface. *Trends in Cognitive Sciences*, 4, 5.
15. Bruno, N. (2000) Tickled pink? *Trends in Cognitive Sciences*, 4, 78.
16. Bruno, N. (2001). When does action resist visual illusions? *Trends in Cognitive Sciences*, 5, 379-382.
17. Bruno, N., & Westland, S. (2001). Colour perception may optimize biologically relevant surface discriminations --rather than type-I constancy. *Behavioural & Brain Sciences*, 24 (4), 658-659.
18. Bruno, N., & Bernardis, P. (2002). Dissociating perception and action in Kanizsa's compression illusion. *Psychonomic Bulletin & Review*, 9, 723-730.
19. Jandn, G., Agostini, T., Galmonte, A. & Bruno, N. (2003) Measuring surface achromatic color: Toward a common measure for increments and decrements. *Behavior Research Methods, Instruments, & Computers*, 35 (1), 70-81.
20. Bruno, N., & Bernardis, P. (2003). When does action resist visual illusions? Effector position modulates illusory influences on motor responses. *Experimental Brain Research*, 151, 225-237.

21. Jacomuzzi, A., Kobau, P., & Bruno, N. (2003). Molyneux's question redux. *Phenomenology and the Cognitive Sciences*, 2, 255-280.
22. Mosca, F., & Bruno, N. (2003). The rubber square illusion. *Arquivos Brasileiros de Oftalmologia*, 66, 92-96.
23. Bertamini, M., Bruno, N., & Mosca, F. (2004) Illusory surfaces affect the integration of local motion signals. *Vision Research*, 44, 297-308.
24. Rauschenberger, R., Peterson, M. A., Mosca, F., & Bruno, N. (2004). Amodal completion in visual search: Preemption or context effects? *Psychological Science*, 15, 351-355.
25. Battaglini, P.P., Bernardis, P., & Bruno, N. (2004). At least some electrophysiological and behavioural data cannot be reconciled with the planning-control model. *Behavioural & Brain Sciences*, 27 (4), 24-25.
26. Bernardis, P., Knox, P., Bruno, N. (2005) How does action resist visual illusion? Uncorrected oculomotor information does not account for accurate pointing in peripersonal space. *Experimental Brain Research*. 162, 133-144.
27. Bruno, N. (2005). Unifying sequential effects in grouping. *Trends in Cognitive Sciences*, 9, 1-3.
28. Bruno, N., Dell'Anna, A. & Jacomuzzi, A. (2006). Ames' window in proprioception. *Perception*, 35, 25-30.
29. Giovannini L, Granr A, Jacomuzzi A, Marando R, Semenza C, Surian L, Bruno N. (2006). Vision-for-perception and vision-for-action in typical development, autism, and Parkinson's disease. *Cognitive Processes*, 7, 40-43.
30. Jacomuzzi A., Bruno N. (2006) Perceiving occlusion through auditory-visual substitution. *Cognitive Processes*, 7 Suppl ,128-130.
31. Bruno N. (2006) Perceptual exploration and intersensory merging in a visual-haptic Necker cube. *Cognitive Processes*, 7,,1-2.
32. Bruno, N., Jacomuzzi, A. C., Bertamini, M.& Meyer, G. (2007). A visual-haptic Necker cube reveals reveals temporal constraints on intersensory merging during perceptual exploration. *Neuropsychologia*, 45, 469-75.
33. Knox, P. & Bruno, N. (2007). When does action resist visual illusion? The effect of the Müller-Lyer illusion on reflexive and voluntary saccades. *Experimental Brain Research*, 181, 277-287.
34. Bruno, N., Bernardis, P., & Gentilucci, M. (2008) Visually guided pointing, the Müller-Lyer illusion, and the functional interpretation of the dorsal-ventral split: Conclusions from 33 independent studies. *Neuroscience and Biobehavioral Reviews*, 32, 423-437.
35. Bruno, N. & Battaglini, P.P (2008). Editorial: Integrating perception and action through cognitive neuropsychology (broadly conceived). *Cognitive Neuropsychology*, 25(7), 879-890.
36. Bruno, N. & Franz, V. (2009). When is grasping affected by the Müller-Lyer illusion? A quantitative review. *Neuropsychologia*, 47, 1421-33.
37. Giovannini, L., Jacomuzzi, A.C., Bruno, N., Semenza, C. & Surian, L. (2009). Distance perception in autism and typical development. *Perception*, 38, 429-441.
38. Bertamini, M., Masala, L., Meyer, G. & Bruno, N. (2010). Vision, haptics, and attention: New data from a multisensory Necker cube. *Perception*, 39, 195-207.
39. Bruno, N. & Bertamini, M. (2010). Haptic perception after a change in hand size. *Neuropsychologia*, 48, 1853-1856.
40. De Grave, D.J. & Bruno, N. (2010). The effect of the Müller-Lyer illusion on saccades is modulated by spatial predictability and saccadic latency. *Experimental Brain Research*, 203(4), 671-679.
41. Bruno, N., Knox, P.C.& De Grave, D.J. (2010). A metaanalysis of the effect of the Müller-Lyer illusion on saccadic eye movements: No general support for a

- dissociation between perception and oculomotor action. *Vision Research*, 50(24), 2671-82.
42. Schenk, T., Franz, V. & Bruno, N. (2011). Vision-for-perception and vision-for-action: which model is compatible with the available psychophysical and neuropsychological data? *Vision Research*, 5, 812-818.
  43. Bertamini, M., Bode, C. & Bruno, N. (2011). The effect of left-right reversal on film: Watching Kurosawa reversed. *i-Perception*, 2, 1-13.
  44. Bruno, N. & Bertamini, M. (2012). Self-portraits: Smartphones reveal a side bias in non-artists. *PlosONE*, in press.
  45. Bruno, N. & Muzzolini, M. (2013). Proxemics Revisited: Similar Effects of Arm Length on Men's and Women's Personal Distances. *Universal Journal of Psychology*, 1(2), 46-52.
  46. Bruno, N. Martani, M., Corsini, C. Oleari, C. (2013) The effect of the color red on consuming food does not depend on achromatic (Michelson) contrast and extends to rubbing cream on the skin. *Appetite*, 71, 307-313.
  46. Basagni, B., Patané, I., Ferrari, V., Bruno, N. (2013) Impaired reading not due to visual field loss in a patient with a right-hemispheric lesion. *Neurocase*, <http://dx.doi.org/10.1080/13554794.2013.826684> (epub ahead of publication).
  47. Ferrari, V., MASTRIA, S., Bruno, N. (2014). Crossmodal interactions during affective picture processing, *PlosONE*, 2, 45-58.
  48. Bruno, N., Gabriele, V., Tasso, T. & Bertamini, M. (2014). 'Selfies' reveal systematic deviations from known principles of photographic composition. *Art & Perception*, 2, 45-58.
  49. Bruno, N, Protti, F & Bertamini, M (2015). Selfie and the city. *PLoS ONE* 10(4): e0124999. doi:10.1371/journal.pone.0124999
  50. Ferrari, V., Bruno, N. Chattat, R. & Codispoti. M. (2016). Evaluative ratings and attention across the life span: emotional arousal and gender. *Cognition and Emotion*. Onlife first 10 FEB 2016.
  51. Kopsiske, K., Bruno, N. Hesse, C., Schenk, T. Franz, V. (2016). The functional subdivision of the visual brain: Is there a real illusion effect on action? A multi lab replication study. *Cortex*, 79, 130-152.
  52. Bruno, N., Bode, C. & Bertamini, M. (2016). Composition in portraits: selfies and wefies reveal similar biases in untrained modern youths and ancient masters. *Laterality*, online DOI:10.1080/1357650X.2016.1185108.
  53. Bertamini, M. Herzog, M.H. & Bruno, N. (2016). The Honeycomb illusion: Uniform textures not perceived as such. *i-Perception*, 7(4), 1-15. DOI: 10.1177/2041669516660727.
  54. Bruno, N., Uccelli, S., Viviani, E. & de'Sperati, C. (2016). Both vision-for-perception and vision-for-action follow Weber's law at small object sizes, but violate it at larger sizes. *Neuropsychologia*, 91, 328-334.
  55. Gratton, I., Brandimonte, M. & Bruno, N. (2016). Absolute memory for tempo in musicians and non-musicians. *PLoS ONE* 11(10): e0163558. doi 10.1371/journal.pone.0163558 .
  56. Kopsiske KK, Bruno N, Hesse C, Schenk T, & Franz VH (2016). Do visual illusions affect grasping? Considerable progress in a scientific debate. A Reply to Whitwell & Goodale, 2016, *CORTEX*, 88, 201-215.
  57. Ferrari, P.F., Barbot, A., Bianchi, B., Ferri, A., Garofalo, G., Bruno, N., Coudé, G., Bertolini, C., Ardizzi, M., Nicolini, Y., Belluardo, M., Stefani, E.D. (2017) A proposal for new neurorehabilitative intervention on Moebius Syndrome patients after 'smile surgery'. Proof of concept based on mirror neuron system properties and hand-mouth synergistic activity. *Neuroscience and Biobehavioral Reviews*, 76, pp. 111-122.
  58. Manovich, L., Ferrari, V. & Bruno, N. (2017). Selfie-takers prefer left cheeks: converging evidence from the (extended) *selfiecity* database. *Frontiers in Psychology, Human-Media Interaction*, 4(8), 1460.
  59. Viviani, E. & Bruno, N. (2017). Learning to draw: does the inversion

technique work? *PSIHLOGIJA*, 50(3), 271-283.

60. Bruno, N., Sokorowska, A., Piskanski, K. & Sokorowski, P. (2018). Editorial: Understanding selfies. *Frontiers in Psychology, Human-Media interaction*, 9, 44.
61. Bruno, N., Garofalo, G., Daneyko, O. & Riggio, L. (2018). Visual similarity modulates visual size contrast. *Acta Psychologica*, 188, 122-130.
62. Uccelli, S., Pisu, V. Riggio, L., & Bruno, N. (2019). The Uznadze illusion reveals similar effects of relative size on perception and action. *Experimental Brain Research*, online first <https://doi.org/10.1007/s00221-019-05480-8>.
63. Bruno, N., Bertamini, M., & Tyler, C. (2019). Eye centring on selfies posted on Instagram. *PlosONE*. in press.
61. Garofalo, G., Ferrari, V. & Bruno, N. (under revision). Both red and blue surrounds affect magnocellular sensitivity in an orientation classification task. *Attention, Perception & Psychophysics*.
- 62.

#### Chapters:

1. Bruno, N. & Gerbino, W. (1987). Amodal completion and illusory figures: An information-processing analysis. In S. Petry and G. E. Meyer (Eds) *The Perception of illusory contours*, New York:Springer Verlag, 220-223.
2. Bruno, N. (1994). Two interpretations for any image. In V. Cantoni (Ed) *Human and Machine Vision: Analogies and Divergencies*. New York, Plenum. p. 310-326.
3. Bruno, N. (1998) Metelli's apparent rest, motion, and the analysis of occlusions. In M. Zanforlin & L. Tommasi (Eds), *Research in Perception*. Padova: Logos Press, p. 37-47.
4. Bruno, N. (2001). Breathing illusions and boundary formation in space-time. In T. Shipley and Ph. Kellmann (Eds) *From Fragments to Objects. Segmentation and Grouping in Vision*. Elsevier *Advances in Psychology Series*, p. 402-427
5. Brandimonte, M., Bruno, N., & Collina, S. (2006) Cognition. In P. Pawlik and G. d'Ydewalle (Eds) *The International Conceptual History of Psychology*. Hove, UK: Psychology press.
6. Bruno, N. (2012). Illusions that we should have (but don't). In C. Calabi (Ed), *Perceptual illusions: philosophical and psychological essays*. Palgrave-MacMillan.
7. Bruno, N. & Bertamini, M. (2015). Perceptual organization and the aperture problem. In J. Wagemans (Ed), *Oxford Handbook of Perceptual Organization*. Oxford University press, pp. 504-520.
8. Bruno, N. (2017). Visual illusions in action. In A. Shapiro & D. Todorovic (Eds), *The Oxford Compendium of Visual Illusions*. Oxford University press.
9. Bruno, N. (2017). The three dimensional Necker cube. In A. Shapiro & D. Todorovic (Eds), *The Oxford Compendium of Visual Illusions*. Oxford University press.

#### Edited books:

1. Bruno, N. & Battaglini, P.P. (2008). *Integrative Approaches to Perception and Action - A special issue of Cognitive Neuropsychology*. Psychology Press, ISBN: 978-1-84872-702-1.
2. Sokorowski, P., Sokorowska, A., Piskanski, K. & Bruno, N. (2018). *Frontiers Research Topic: Understanding selfies*. *Frontiers in Psychology, Human-Media interaction*.

#### Books:

1. Bruno, N., Pavani, M. (2018). *Perception: A multisensory perspective*. Oxford

University press.

Recent proceedings:

1. Bruno, N., Ferrari, V. & Bertamini, M. (2011). Hand transport violates Weber's law - but only with visual feedback and hand relative coding. ECVF meeting, Toulouse, August 2011. *Perception* (Suppl)
2. Bruno, N. & Bertamini, M. (2012). The psychology of naive self-portraits: compositional biases when using the iPhone front camera. VSAC meeting, Alghero, Sept 2012.
3. Bruno, N. & Bertamini, M. (2014). Two multisensory illusions reveal a dissociation between implicit and explicit representations of the body. ECVF meeting, Belgrade, Aug 2014. *Perception* (Suppl)
4. Garofalo, G, Ferrari, V. & Bruno, N. (2014). Red affects reaction times in a 2AFC task. In P. Bernardis, C. Fantoni & W. Gerbino (Eds), TSPC2014, Proceedings of the Trieste Symposium on Perception and Cognition, EUT, p. 38-40.
5. Viviani, E. & Bruno, N. (2014). How does one become an artist? A copying task provides no support for the "upside-down drawing" technique. In P. Bernardis, C. Fantoni & W. Gerbino (Eds), TSPC2014, Proceedings of the Trieste Symposium on Perception and Cognition, EUT, p. 152-156.
6. Bertamini, M. & Bruno, N. (2014) Self-portraits taken with a smartphone do not support known principles of composition but they support a bias to select the right side of the face. AVA meeting, University of York, 11 April 2014.
7. Kopiske, K., Bruno, N., Hesse, C., Schenk, T. & Franz, V. (2015). What can explain illusion effects on grasping? A multi-lab preregistered project. Annual Meeting of the Psychonomic Society, Chicago, IL, November 2015.
8. Bruno, N., Garofalo, G. & Ferrari, V. (2015). Red affects reaction times and hit rates in 2AFC orientation discrimination task. ECVF meeting, Liverpool, 23-27 August 2015. *Perception*, 44, (2, Suppl).
9. Bruno, N. & Protti, F. (2015). Selfie and the city: A world-wide, large, and ecologically valid database reveals a two-pronged bias in naive self-portraits. VSAC meeting, Liverpool, 22-23 August 2015.
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9. Bruno, N. (2009). Dove hai la testa? Avventure nella ruota della coscienza. Italian translation of The Head Trip, Adventures on the wheel of Consciousness by Jeff Warren. Milano: Apogeo, ISBN: 8850327315.
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## RECENT INVITED TALKS

"Understanding selfies: Theory, taxonomy, and data"  
 Department of psychology, University of Sydney  
 Sydney, NSW, AUS, 26 July 2018

"Relational processing of size in perception and action"  
 Department of psychology, University of New South Wales  
 Sydney, NSW, AUS, 25 July 2018

"Understanding selfies: Theory, taxonomy, and data"  
 Department of psychology, University of Plymouth  
 Plymouth, UK, 16 May 2018

"Understanding selfies: Theory, taxonomy, and data"  
 Department of psychology, University of Bristol  
 Bristol, UK, 15 May 2018

"Selfie made man (and woman): Filosofia e psicologia del selfie"  
 Circolo dei lettori, Torino, 19 April 2018

"On the proxemics of selfies"  
 Workshop on "Art, Images, and Minds", Università di Trieste and Alinari Image  
 Museum, Trieste, September 2, 2017

"Percezione multisensoriale e azione"  
 Convegno su "Apprendimento motorio ed esercizio terapeutico" (GIS  
 Neuroscienze e A.I.FI. Emilia-Romagna), Istituto Rizzoli, Bologna, 12 December  
 2015

"La visione dei colori nell'uomo: percezione"  
 Tavola rotonda su "La visione dei colori nell'uomo: psicofisica, fisiologia,  
 percezione", International year of light 2015, palazzo del Governatore, Parma 2  
 December 2015

"Depiction, percezione e azione: una valutazione critica della teoria del seeing-in"  
 Workshop su "L'esperienze pittorica del 'seeing-in' in filosofia e psicologia",  
 Università Vita-Salute S. Raffaele, Milano, 8 July 2015.

"Lo spazio della percezione e dell'azione"

Convegno internazionale "L'interpretazione multisensoriale nel confronto tra azioni, patologie ed esercizio. Centro Studi Riabilitazione Neurocognitiva, Santorso (VI), 14 November 2014.

"Mr. Fantastic meets Thing T. Thing: two multisensory illusions reveal a dissociation between implicit and explicit representations of the body"  
CBC Seminars, Universitat Pompeu Fabra, Barcelona (E), 24 April 2014

"Il posto del colore in un mondo multisensoriale"  
Dipartimento di Filosofia, Università degli Studi di Milano, Novembre 2013

"Multisensorialità, azione, conoscenza ordinaria"  
Convegno di studi "Epistemologia della conoscenza ordinaria", THEMIS - Università di Siena, Arezzo 7-9 Ottobre 2013

"Manfredo Massironi da un punto di vista non accidentale"  
Annual Meeting of the Associazione Italiana di Psicologia, Chieti 21 September 2012

"Percezione, esperienza estetica, psicologia dell'arte"  
Workshop on Art and Psychology, Grand Hotel et des Palmes, Palermo 8-9 June 2012

"The psychology of native self-portraits: perception, attention, and the iPhone front camera"  
Perception, Action and Cognition Seminar Series, IUAV Venezia, 24 May 2012

"When do actions resist visual illusions? Towards a resolution of a long-standing debate"  
Forschungskolloquium, Ludwig-Maximilians-Universität Munich (D), 29 June 2011

"Immediate Actions, Memory-guided actions, and illusions"  
Workshop on Perception and Action (PandA), DFG-Forschergruppe 560 & Alexander von Humboldt Foundation, Rauscholzhausen (DE), 30 May-4 June 2010

"WHEN does action resist visual illusions? A meta-analysis of 64 independent studies on grasping, pointing, saccading, stepping, and hopping"  
Eight Dutch Endo-Neuro-Psycho Meeting (ENP), Doorwerth (NL), 3-5 June 2009

"Pointing, grasping, and perception: when do they resist the Müller-Lyer illusion?"  
Faculty of Human Movement Sciences, Vrije Universiteit Amsterdam (NL), 6 October, 2008.

"Illusions, visual perception, and visually guided action: support for two visual systems or experimental artifact?"  
Kolloquium Allgemeine Psychologie, Justus-Liebig-Universität Giessen (D), 31 October 2007

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