

## CV\_Prof G\_Ruggiero\_11E1 M-PSY\_01 ENGL

Since 2018 Gennaro Ruggiero is associate professor at the Department of Psychology, University of Campania L. Vanvitelli, Caserta (Second University of Naples, SUN until 2016). In 2001, he got his Bachelor in Psychology at the SUN. In 2005, he got a four-year PhD in Neuroscience (XVII) at the Faculty of Medicine and Surgery, Department of Experimental Medicine (SUN) with a thesis entitled "Egocentric and Allocentric Spatial Frames of Reference" (supervisor Prof. S. Chieffi). In 2001, he got a one-year grant at the Department of Psychology (SUN), supervisor Prof. C. Iachini. In 2001-2002 he trained at the Laboratory of Neuropsychology, I Neurological Clinic (SUN) within the PhD in Neuroscience (Prof. S. Carlomagno) studying language disorders and gestures. In 2003, he got a three-year grant at the Department of Experimental Medicine (SUN). From 2001 to 2007 he collaborated with the Laboratory of Spatial Cognition, Department of Psychology (SUN; supervisor Prof. T. Iachini). From 2001-2004, he trained at the Laboratory of Cognitive Disorders, CTO Hospital, Naples (coord. Prof. A. Iavarone). In 2004, he was visiting Ph.D. student at the Interdisciplinary College, "Body & Motion", attending a training course about Neurobiology, Artificial Intelligence, Cognitive Science, Neuroinformatics (Günne, Germany). In 2005, he was visiting Ph.D. student at the Laboratory of Cognitive Psychology and Spatial Cognition, Department of Psychology, Vanderbilt University, Nashville (USA; supervisor Prof. T. P. McNamara), and he worked on egocentric and allocentric spatial frames of reference and specific subcomponents of spatial cognition (intrinsic axes, spatial updating, environmental characteristics etc.). In 2007, he was Post-Doctoral fellow at the Laboratory of Cognitive Psychology and Spatial Cognition, Department of Psychology, Vanderbilt University, Nashville (USA), under the supervision of Prof. T. P. McNamara. In 2007-08, he got a one-year Post-Doctoral Grant for research, supervisor Prof. T. Iachini (SUN).

Courses taught: 2005-2010, History of Psychology (SUN); 2010-2012, Laboratory of Cognitive Science (SUN); 2009-2010, Psychology of Cognitive Processes (Suor Orsola Benincasa Naples); since 2014, Psychology of Personality and Individual Differences (Univ. Vanvitelli); since 2016, Laboratory Applied Virtual Reality 1 and 2 (Univ. Vanvitelli); since 2018 Virtual Reality and Rehabilitation (Univ. Vanvitelli).

Since 2016 he is Visiting Professor at the University of Lille (Fr) with Erasmus+ grants in the context of joint teaching for the double degree in Cognitive Process Psychology (Naples, coord. Prof. Iachini, Univ. Vanvitelli) and Master Sciences Humaines et Sociales, Mention Psychologie, Spécialité "Psychologie des Processus Neurocognitifs et Sciences Affectives" (Lille, coord. Prof. Coello). He teaches and supervises research projects for the l'École Doctorale ED SHS de l'Université de Lille e Nord de France (Fr). Since 2017 he is member of the Doctorate of Sciences of the Mind (XXXII cycle) of the Dept Psychology (Univ. Vanvitelli).

Prof. Ruggiero's research interests are primarily devoted to the investigation of: representation of frames of reference and coordinate and categorical, development of spatial encodings, translation between frames of reference, visuo-spatial memory in healthy and pathological elderly people, representation of the space around the body, sensory-motor systems and multimodal mental images, the role of visual experience in spatial representation, the role of visual experience in serial-spatial memory, gender differences in visuo-spatial cognition, mental imagery in healthy and blind people, in elderly people with or without cognitive disorders, the role of multisensory integration. He works on the use of immersive virtual reality for the assessment of the impact of new infrastructures on humans (e.g. wind farms, metros, motorways). From 2009 he is member of the Laboratory of Cognitive Science and Immersive Virtual Reality (CS-IVR, directed by Prof. T. Iachini) where he is involved in devising experimental paradigms for simulating complex, multisensory (visual and auditory) and realistic environments in which a mover can interact with landmarks and objects.

Collaborations. Since 2006, he collaborates with the Laboratory of Clinical Neuropsychology, Dementia and Cognitive Disorders at the ASL "Ospedali dei Colli" (Monaldi-Cotugno-CTO) (coord. Prof. A. Iavarone). Since 2012, he collaborates with the Department of Experimental Psychology, (Utrecht, The Netherlands;

supervisors Prof. A. Postma, Dr. I.J.M. van der Ham). Since 2012 he collaborates with the Built Environment Control Laboratory of the Department of Architecture (supervisor Director Prof. L. Maffei; Univ. Vanvitelli). Since 2016 he is research group coordinator on "Psychophysiological reactions of peripersonal and interpersonal spaces (Dept Psychology, Univ. Vanvitelli) in collaboration with Univ. Lille 3 (Prof. Coello) and Univ. Bologna (Prof. F. Frassinetti).

Since 2016, he is research group coordinator at the FCA ITEM (Pomigliano D'Arco, Naples) on "Perception of geometric tolerances and perceived quality in the automotive industry" (Head of ICT Industrial Applications and Services at FCA ITEM, Eng. A. Maggiore, Eng. A. Milite).

Since 2007, Prof. G. Ruggiero is an ad-hoc reviewer for several international peer-reviewed scientific journals and for international foundations.