

**Fecha del CVA**

12/01/2017

**Parte A. DATOS PERSONALES**

Nombre y Apellidos	STEPHAN MORATTI		
DNI	X7974780J	Edad	43
Núm. identificación del investigador	Researcher ID		
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**A.1. Situación profesional actual**

Organismo	Universidad Complutense de Madrid		
Dpto. / Centro	PSICOLOGIA BASICA I / F. PSICOLOGIA		
Dirección	Calle Rafael Calvo 4, Piso 6 Centro, 28010, Madrid		
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Categoría profesional	Profesor Contratado Doctor	Fecha inicio	2015
Espec. cód. UNESCO	249000 - Neurociencias; 320105 - Psicología clínica; 610600 - Psicología experimental; 610610 - Psicología fisiológica		
Palabras clave			

**A.2. Formación académica (título, institución, fecha)**

Licenciatura/Grado/Doctorado	Universidad	Año
Psicología	Universidad de Konstanz	2005
Licenciado en Psicología Área Psicología Clínica	Universidad Konstanz, Alemania	2001

**A.3. Indicadores generales de calidad de la producción científica**

Evaluación positiva I3, Tesis doctorales dirigido: 2, Tesis doctorales en curso: 2, Trabajos fin de Máster dirigido: 2, citas totales: 1004, promedio de citas/año durante los últimos 5 años: 13.33, publicaciones totales en primer cuartil (Q1): 21 de 40 publicaciones totales (revistas), índice h: 17;

**Parte B. RESUMEN LIBRE DEL CURRÍCULUM**

Dr. Stephan Moratti received his master in Clinical Psychology at the University of Konstanz, Germany in 2001. During his studies at the University of Konstanz he began his Cognitive Psychology training with an internship at the Max Planck Institute of Psychological Research, Munich, Germany in the group of Prof. Dr. Hommel (1997). After that, he had been working in the EEG-MEG laboratories of Prof. Dr. Thomas Elbert and Prof. Dr. Brigitte Rockstroh (Konstanz University). During his psychology career, he did an obligatory clinical training at the Clinic Bogenhausen, Munich, Germany (Neuropsychology, 1998). After finishing his Master in Clinical Psychology (2001), he did his PhD in the laboratory of Prof. Dr. Andreas Keil at Konstanz University, Germany. During his PhD he was invited to take part in research activities at the University of Georgia, Athens, USA (Prof. Dr. Brett Clementz, 2003). He also taught Prof Clementz's students in advanced MEG/ EEG analysis during this time. He was also member of the Committee of Student's Interests (international section) of the Society for Psychophysiological Research (SPR). In 2005 he obtained his doctoral degree in Clinical Psychology at the University of Konstanz with his research theses about the modulation of oscillatory brain responses by emotion. Afterwards, Dr. Stephan Moratti received a prestigious research fellow grant from the Deutsche Forschungsgemeinschaft (German Research Foundation) and joined the Center of Magnetoencephalography of the Complutense University of Madrid, Spain in 2006. Thereafter, Dr. Stephan Moratti joined a Post-Doc position (2008) at the Polytechnic University of Madrid, Spain. In 2010 he received a prestigious Ramón y Cajal Research Fellowship at the Complutense University of Madrid (Departamento de Psicología Básica I) . Since 2015 he is a full profesor of Psychology (Profesor Contratado Doctor) at the Complutense University of Madrid (Departamento de Psicología Básica I). He is also associate editor of the journal Psychophysiology.

## Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

### C.1. Publicaciones

- 1 **Artículo científico.** Méndez-Bértolo C; et al. 2016. A fast Pathway for fear in human amygdala. Nature Neuroscience. Nature Publishing Group. 19-8, pp.1041-1049.
- 2 **Artículo científico.** Lithari, C.; Moratti, S.; Weisz, N.2016. Limbic areas are functionally decoupled and visual cortex takes a more central role during fear conditioning in humans. Scientific reports. Nature Publishing Group. 6, pp.29220. ISSN 2045-2322.
- 3 **Artículo científico.** Lithari, C.; Moratti, S.; Weisz, N.(3/2). 2015. Thalamocortical interactions underlying visual fear conditioning in humans. Human brain mapping. 36-11, pp.4592-4603. ISSN 1065-9471.
- 4 **Artículo científico.** Rubio, G.; et al. 2015. Stress induced by the socially evaluated cold-pressor test cause equivalent deficiencies of sensory gating in male subjects with schizophrenia and healthy controls. Psychiatry research. 228-3, pp.283-288. ISSN 0165-1781.
- 5 **Artículo científico.** Moratti, S.; Strange, B.; Rubio, G.(3/1). 2015. Emotional arousal modulation of right temporoparietal cortex in depression depends on parental depression status in women: first evidence. Journal of affective disorders. 178, pp.79-87. ISSN 0165-0327.
- 6 **Artículo científico.** Jurado Barba, R.; et al. 2015. Changes on the Modulation of the Startle Reflex in Alcohol-Dependent Patients after 12 Weeks of a Cognitive-Behavioral Intervention. European addiction research. 21-4, pp.195-203. ISSN 1022-6877.
- 7 **Artículo científico.** Morales Muñoz, I.; et al. 2014. Characterizing cannabis-induced psychosis: a study with prepulse inhibition of the startle reflex. Psychiatry research. 220-1-2, pp.535-540. ISSN 0165-1781.
- 8 **Artículo científico.** STEPHAN MORATTI; et al. (4/1). 2014. Dynamic Gamma Frequency Coupling between higher and lower Order Visual Cortices Underlies Perceptual Completion. NeuroImage. 86, pp.470-479. ISSN 1053-8119.
- 9 **Artículo científico.** Vizcaino, E.J.; et al. 2013. Maintenance of attention and pathological gambling. Psychology of addictive behaviors : journal of the Society of Psychologists in Addictive Behaviors. 27-3, pp.861-867. ISSN 0893-164X.
- 10 **Artículo científico.** García Pacios, J.; et al. 2013. Early prefrontal activation as a mechanism to prevent forgetting in the context of interference. The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry. 21-6, pp.580-588. ISSN 1545-7214.
- 11 **Artículo científico.** Aurtenetxe, S.; et al. (8/3). 2013. Dysfunctional and compensatory duality in mild cognitive impairment during a continuous recognition memory task. International journal of psychophysiology : official journal of the International Organization of Psychophysiology. 87-1, pp.95-102. ISSN 0167-8760.
- 12 **Artículo científico.** Fernández, A.; et al. 2013. MEG delta mapping along the healthy aging-Alzheimer's disease continuum: diagnostic implications. Journal of Alzheimer's disease : JAD. 35-3, pp.495-507. ISSN 1387-2877.
- 13 **Artículo científico.** 2012. Low emotional arousal in depression as explained by the motivated attention approach; La baja activación emocional en la depresión explicada por el enfoque de la atención motivada. Escritos de Psicología. 5-2, pp.20-26. ISSN 1989-3809.
- 14 **Artículo científico.** Nevado, A.; et al. 2012. Estimation of functional connectivity from electromagnetic signals and the amount of empirical data required. Neuroscience letters. 513-1, pp.57-61. ISSN 0304-3940.
- 15 **Artículo científico.** Munar, E.; et al. (8/5). 2012. Lateral orbitofrontal cortex involvement in initial negative aesthetic impression formation. PloS one. 7-6, pp.e38152. ISSN 1932-6203.
- 16 **Artículo científico.** Ethridge, L.; et al. 2011. Sustained versus transient brain responses in schizophrenia: the role of intrinsic neural activity. Schizophrenia research. 133-1-3, pp.106-111. ISSN 0920-9964.

- 17 **Artículo científico.** Moratti, S.; Saugar, C.; Strange, BA.(3/1). 2011. Prefrontal-occipitoparietal coupling underlies late latency human neuronal responses to emotion. *The Journal of neuroscience : the official journal of the Society for Neuroscience.* 31-47, pp.17278-17286. ISSN 0270-6474.
- 18 **Artículo científico.** Díaz Marsá, M.; et al. 2011. Orbitofrontal dysfunction related to depressive symptomatology in subjects with borderline personality disorder. *Journal of affective disorders.* 134-1-3, pp.410-415. ISSN 0165-0327.
- 19 **Artículo científico.** Lorenzo López, L.; et al. 2011. Age-related occipito-temporal hypoactivation during visual search: relationships between mN2pc sources and performance. *Neuropsychologia.* 49-5, pp.858-865. ISSN 0028-3932.
- 20 **Artículo científico.** Maestú, F.; et al. 2011. Brain activity patterns in stable and progressive mild cognitive impairment during working memory as evidenced by magnetoencephalography. *Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society.* 28-2, pp.202-209. ISSN 0736-0258.
- 21 **Artículo científico.** del Río, D.; et al. 2011. Conflict and cognitive control during sentence comprehension: recruitment of a frontal network during the processing of Spanish object-first sentences. *Neuropsychologia.* 49-3, pp.382-391. ISSN 0028-3932.
- 22 **Artículo científico.** Clementz, BA.; et al. 2010. Top-down control of visual sensory processing during an ocular motor response inhibition task. *Psychophysiology.* 47-6, pp.1011-1018. ISSN 0048-5772.
- 23 **Artículo científico.** Campo, P.; et al. 2010. Oscillatory activity in prefrontal and posterior regions during implicit letter-location binding. *NeuroImage.* 49-3, pp.2807-2815. ISSN 1053-8119.
- 24 **Artículo científico.** Bajo, R.; et al. 2010. Functional connectivity in mild cognitive impairment during a memory task: implications for the disconnection hypothesis. *Journal of Alzheimer's disease : JAD.* 22-1, pp.183-193. ISSN 1387-2877.
- 25 **Artículo científico.** Moratti, S.; Keil, A.(2/1). 2009. Not what you expect: experience but not expectancy predicts conditioned responses in human visual and supplementary cortex. *Cerebral cortex.* 19-12, pp.2803-2809. ISSN 1047-3211.
- 26 **Artículo científico.** Maestú, F.; et al. 2008. Increased biomagnetic activity in the ventral pathway in mild cognitive impairment. *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology.* 119-6, pp.1320-1327. ISSN 1388-2457.
- 27 **Artículo científico.** Moratti, S.; et al. (5/1). 2008. Hypofunction of right temporoparietal cortex during emotional arousal in depression. *Archives of general psychiatry.* 65-5, pp.532-541. ISSN 0003-990X.
- 28 **Artículo científico.** Schweinberger, SR.; et al. 2007. Brain responses to repetitions of human and animal faces, inverted faces, and objects: an MEG study. *Brain research.* 1184, pp.226-233. ISSN 0006-8993.
- 29 **Artículo científico.** Moratti, S.; et al. (5/1). 2007. Neural mechanisms of evoked oscillations: stability and interaction with transient events. *Human brain mapping.* 28-12, pp.1318-1333. ISSN 1065-9471.
- 30 **Artículo científico.** Keil, A.; et al. 2007. Adaptation in human visual cortex as a mechanism for rapid discrimination of aversive stimuli. *NeuroImage.* 36-2, pp.472-479. ISSN 1053-8119.
- 31 **Artículo científico.** Stolarova, M.; Keil, A.; Moratti, S.2006. Modulation of the C1 visual event-related component by conditioned stimuli: evidence for sensory plasticity in early affective perception. *Cerebral cortex.* 16-6, pp.876-887. ISSN 1047-3211.
- 32 **Artículo científico.** Moratti, S.; Keil, A.; Miller, GA.(3/1). 2006. Fear but not awareness predicts enhanced sensory processing in fear conditioning. *Psychophysiology.* 43-2, pp.216-226. ISSN 0048-5772.
- 33 **Artículo científico.** Moratti, S.; Keil, A.2005. Cortical activation during Pavlovian fear conditioning depends on heart rate response patterns: an MEG study. *Brain research. Cognitive brain research.* 25-2, pp.459-471. ISSN 0006-8993.
- 34 **Artículo científico.** Keil, A.; et al. 2005. Additive effects of emotional content and spatial selective attention on electrocortical facilitation. *Cerebral cortex.* 15-8, pp.1187-1197. ISSN 1047-3211.

- 35 **Artículo científico.** Weisz, N.; et al. 2005. Tinnitus perception and distress is related to abnormal spontaneous brain activity as measured by magnetoencephalography. *PLoS medicine*. 2-6, pp.e153. ISSN 1549-1277.
- 36 **Artículo científico.** Moratti, S.; Keil, A.; Stolarova, M.(3/1). 2004. Motivated attention in emotional picture processing is reflected by activity modulation in cortical attention networks. *NeuroImage*. 21-3, pp.954-964. ISSN 1053-8119.
- 37 **Artículo científico.** Wienbruch, C.; et al. 2003. Source distribution of neuromagnetic slow wave activity in schizophrenic and depressive patients. *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*. 114-11, pp.2052-2060. ISSN 1388-2457.
- 38 **Artículo científico.** Fehr, T.; et al. 2003. Source distribution of neuromagnetic slow-wave activity in schizophrenic patients--effects of activation. *Schizophrenia research*. 63-1-2, pp.63-71. ISSN 0920-9964.
- 39 **Artículo científico.** Keil, A.; et al. 2003. Early modulation of visual perception by emotional arousal: evidence from steady-state visual evoked brain potentials. *Cognitive, affective & behavioral neuroscience*. 3-3, pp.195-206. ISSN 1531-135X.
- 40 **Artículo científico.** Fehr, T.; et al. 2001. Source distribution of neuromagnetic slow waves and MEG-delta activity in schizophrenic patients. *Biological psychiatry*. 50-2, pp.108-116. ISSN 0006-3223.
- 41 **Capítulo de libro.** Moratti, S; Fernandez, A; Rubio, G. 2012. Neurophysiological and Neuropsychological Models of Depression. *Neurobiology of Depression*. CRC Press. ISBN 978-1-4398-3849-5.

## C.2. Proyectos

- 1 Disfunción de la Corteza Temporo-Parietal y del Circuito Cortical de la Atención como Endofenotipo de la Depresión. Ministerio de Economía y Competitividad. Stephan Moratti. (FUNDACION GENERAL DE LA UNIVERSIDAD COMPLUTENSE DE MADRID). 01/01/2015-31/12/2017. 91.000 €.
- 2 Dynamic cortical and nucleus accumbens network in humans: combining intracranial and MEG recordings. BIAL INDUSTRIAL FARMACEUTICA, S. A.. ROSA GONZÁLEZ. 01/02/2013-31/08/2015. 50.000 €.
- 3 Caracterización de los endofenotipos psicofisiológicos en hijos de alcohólicos. Proyectos de investigación de Drogodependencias. I MARTÍNEZ GRAS. 01/01/2012-31/12/2014. 57.276 €.
- 4 Psychophysiological paradigms predictors of relapse in the treatment of alcohol dependent subjects. THE EUROPEAN FOUNDATION FOR ALCOHOL RESEARCH. GABRIEL RUBIO VALLADOLID. 01/01/2012-31/12/2013. 72.400 €.
- 5 Actividad neuronal oscilatoria en el córtex visual relacionada con estímulos condicionados durante el aprendizaje del miedo: Factores cognitivos y aplicación clínica en el trastorno de estrés posttraumático.. MINISTERIO DE CIENCIA E INNOVACIÓN. STEPHAN MORATTI. (Universidad Politécnica de Madrid). 01/01/2010-31/12/2013. 87.120 €.
- 6 Startle response in generalized anxiety disorder (GAD): A method for characterizing GAD patients?. PFIZER, S.A.,. GABRIEL RUBIO VALLADOLID. 01/01/2011-31/01/2012. 63.043 €.
- 7 Oscillatory neuronal processing of affective and fear-relevant stimuli in affective disorders. Deutsche Forschungsgemeinschaft, Kennedyallee 40, 53175 Bonn, Germany. STEPHAN MORATTI. 01/01/2006-31/03/2008. 34.562,66 €.