



N. 14 – novembre 2007

NEWSLETTER

A cura di Carlo Reverberi e Alessio Toraldo

## **OFFERTE DI LAVORO**

### *POST-DOCTORAL POSITION IN THE COGNITIVE NEUROSCIENCE OF AUDITORY PERCEPTION*

Applications are invited for a post-doctoral research position in the Cognitive Neuroscience Research Group ([www.ub.edu/brainlab](http://www.ub.edu/brainlab)) at the Psychiatry and Clinical Psychobiology Department (Faculty of Psychology) of University of Barcelona (Spain). The post is part of BRAINGLOT, a Spanish Research Network on Bilingualism and Cognitive Neuroscience (Consolider-Ingenio 2010 Scheme, Spanish Ministry of Science and Education). The project brings together the efforts of six research groups integrating researchers from different scientific disciplines with the common purpose of addressing the phenomenon of bilingualism. The project is conceived with an open and multidisciplinary vocation, as one of its major anchor points places the stress on the mutual influence (both in terms of cognitive and neural processes) between bilingualism and other functions such as auditory perception, multisensory integration, and the executive control attention. The position is to studying the neural mechanisms of the mismatch negativity (MMN) evoked potential, from single unit recordings in rats to computational modeling. Specifically, the successful candidate will design, conduct, analyze and report EEG experiments, with access to fMRI and MEG facilities also possible. Candidates must have a completed PhD and strong background in cognitive neuroscience, general neuroscience, or cognitive psychology. EEG experience and basic programming skills (e.g., Presentation, E-prime, and Matlab) are essential. The position is funded for three years, starting in January-February 2008. Salary commensurate with experience. Applicants should send curriculum vitae, a one-page motivation letter, and copy of selected papers and the names of two persons that can provide references to Carles Escera ([cescera@ub.edu](mailto:cescera@ub.edu)). Please, use this reference in the email subject: **Application POS-BG-MMN**.

### *POST-DOCTORAL POSITION IN THE COGNITIVE NEUROSCIENCE OF INVOLUNTARY ATTENTION*

Applications are invited for a post-doctoral research position in the Cognitive Neuroscience Research Group ([www.ub.edu/brainlab](http://www.ub.edu/brainlab)) at the Psychiatry and Clinical Psychobiology Department (Faculty of Psychology) of University of Barcelona (Spain). The post is part of BRAINGLOT, a Spanish Research Network on Bilingualism and Cognitive Neuroscience (Consolider-Ingenio 2010 Scheme, Spanish Ministry of Science and Education). The project brings together the efforts of six research groups integrating researchers from different scientific disciplines with the common purpose of addressing the phenomenon of bilingualism. The project is conceived with an open and multidisciplinary vocation, as one of its major anchor points places the stress on the mutual influence (both in terms of cognitive and neural processes) between bilingualism

and other functions such as auditory perception, multisensory integration, and the executive control attention. The position is to elucidate the temporal dynamics of neural networks of involuntary attention and their top-down modulation by the "cognitive set". The requirements of the position include 1) designing, running, and analyzing data from EEG and fMRI experiments, and 2) developing, implementing, and testing methods for combining data obtained with these two methodologies in integrated approaches. Candidates must have a completed PhD and strong background in cognitive neuroscience, general neuroscience, or cognitive psychology. Demonstrated expertise in analysis of neuroimaging data, specifically EEG/MEG and/or fMRI, as well basic programming skills (e.g., Presentation, E-prime, SPM or related software) are essential. Experience with EEG/MEG inverse solutions, connectivity analysis, and MATLAB programming are of added value. The position is funded for three years, starting in January-February 2008. Salary commensurate with experience. Applicants should send curriculum vitae, a one-page motivation letter, and copy of selected papers and the names of two persons that can provide references to Carles Escera ([cescera@ub.edu](mailto:cescera@ub.edu)). Please, use this reference in the email subject: **Application POS-BG-ATN.**

*PHD POSITION IN THE COGNITIVE NEUROSCIENCE OF EXECUTIVE CONTROL OF ATTENTION*

Applications are invited for a PhD research position in the Cognitive Neuroscience Research Group ([www.ub.edu/brainlab](http://www.ub.edu/brainlab)) at the Psychiatry and Clinical Psychobiology Department (Faculty of Psychology) of University of Barcelona (Spain). The post is part of BRAINGLOT, a Spanish Research Network on Bilingualism and Cognitive Neuroscience (Consolider-Ingenio 2010 Scheme, Spanish Ministry of Science and Education), and will run in collaboration with Francisco Barceló at the University of Illes Balears (Mallorca, Spain). The project brings together the efforts of six research groups integrating researchers from different scientific disciplines with the common purpose of addressing the phenomenon of bilingualism. The project is conceived with an open and multidisciplinary vocation, as one of its major anchor points places the stress on the mutual influence (both in terms of cognitive and neural processes) between bilingualism and other functions such as auditory perception, multisensory integration, and the executive control of attention. The PhD candidate will conduct behavioral and EEG (possibly also fMRI) experiments on task-switching in both linguistic and non-linguistic contexts. We are seeking highly motivated applicants with a background in Cognitive Neuroscience, Life sciences or Computer science. Essential to the post are good communication and writing skills and interest in multidisciplinary teamwork. Specific requirements are: To have a Master degree (or being registered at a Master course); to have top marks, and to be eligible for a valid visa (when required). Experience with ERPs or other neuroimaging methodologies and proficiency in all three languages, Spanish, Catalan and English will be highly regarded. The position is funded for four years, starting in January-February 2008. Applicants should send curriculum vitae, list of exams with grades, and other documentation (letter of interest, publications, awards, letters of recommendation, etc.) in support of their application, to either Carles Escera ([cescera@ub.edu](mailto:cescera@ub.edu)) or Francisco Barceló ([f.barcelo@uib.es](mailto:f.barcelo@uib.es)). Please, use this reference in the email subject: **Application POS-BG-PhD.**

## CONVEGNI NAZIONALI

### NEUROPSICOLOGIA DELL'ETÀ EVOLUTIVA

Bressanone 16-19 Gennaio 2008 - Info: [stefanovicari@hotmail.it](mailto:stefanovicari@hotmail.it)

16 Gennaio	17 Gennaio	18 Gennaio	19 Gennaio
<p>15.00- 18.30</p> <p>Il cervelletto (D Riva)</p> <p>Lezione su funzioni e meccanismi - Ghelarducci - Pisa</p> <p>Cervelletto: funzioni cognitive e neuropsicologiche -Riva - Milano</p> <p>Cervelletto e linguaggio Fabbro. Udine</p> <p>Cervelletto e disturbi dello sviluppo Menghini, Vicari Roma</p>	<p>15.00- 18.30</p> <p>Neuropsicologia del Prematuro (AM Chilosi)</p> <p>Attualità e Prospettive della Risonanza Magnetica Cerebrale nello studio dell'encefalo neonatale Ramenghi, Fumagalli, Bassi, Mosca - Milano</p> <p>Development of visual perceptual functions in preterm infants Guzzetta, Tinelli, Cioni - Pisa</p> <p>Nascita pretermine e sviluppo di specifiche competenze linguistiche Sansavini, Guarini, Savini - Bologna</p> <p>Cognitive outcome after preterm birth Faraneh Vargho-Khadem - London</p>	<p>15.00- 18.30</p> <p>I Disturbi di Linguaggio (MC Caselli)</p> <p>The case of specific language impairment Conti-Ramsden and Durkin</p> <p>Il disturbo pragmatico al confine tra neurolinguistica e psicopatologia Pfanner, Cipriani - Pisa</p> <p>L'interfaccia tra sintassi e pragmatica nei disturbi specifici del linguaggio e nella Sindrome di Down: aspetti procedurali e dichiarativi Tavano - Udine</p> <p>Difficoltà semantiche in bambini con DSL Stella - Reggio Emilia</p>	<p>15.00- 18.30</p> <p>Dislessia (S Vicari)</p> <p>Aspetti funzionali e neurali della lettura di parole Zorzi - Padova</p> <p>Il sistema magnocellulare all'origine della dislessia? Bolzani - Bologna</p> <p>Attenzione selettiva e sviluppo della lettura Facoetti e Ruffino - Padova</p> <p>Studi sperimentali sul trattamento della Dislessia Evolutiva: implicazioni teoriche e cliniche Lorusso</p>
	<p><b>21.00 Serata Poster</b></p> <p>Maria Cristina Caselli, Stefano Vicari</p>	<p><b>21.00 Serata Workshop</b></p> <p><b>a. Linee guida dislessia 1</b> (L. Marotta)</p> <p><b>b. Linee guida dislessia 2</b> (A. De Cagno)</p> <p><b>c. Metodologia della Ricerca</b> (P. Pasqualetti)</p> <p><b>d. Valutazione Neuropsicologica</b> (D. Menghini)</p>	

## CONVEGNI INTERNAZIONALI

### TWENTY-SIXTH EUROPEAN WORKSHOP ON COGNITIVE NEUROPSYCHOLOGY

Bressanone, Italy, 20-25 January, 2008

**Program** The opening session devoted to guest lectures will be held on Monday, January 21, starting at 3 p.m. Four Plenary Sessions will be held, starting Tuesday, January 22, at 3 p.m., in the following order: (1) Selective deficits for word classes (organised by M. Miozzo, Cambridge, UK); (2) Productive

Symptoms (organised by G. Bottini, Milano, Italy and C. Frith, London, UK); (3) Brain connections and disconnections: implications for neuro-cognitive modeling (organised by P. Bartolomeo, Paris, France and M. Catani, London, UK); (4) Normal and abnormal face processing: a 2008 perspective (organised by B. Duchaine, London, UK and S. Bentin, Jerusalem, Israel). **Registration Fee** Regular position: 250 euro, Students and Unemployed: 130 euro. **Inquiries** for further information to Franco Denes ([denes@unive.it](mailto:denes@unive.it)) and Carlo Semenza ([semenza@univ.trieste.it](mailto:semenza@univ.trieste.it))

#### *SEVENTH WORLD CONGRESS ON BRAIN INJURY*

Lisbon, Portugal, APRIL 9-12, 2008; PRE-CONGRESS SYMPOSIUM: APRIL 8, 2008.

**Congress overview** The IBIA Seventh World Congress on Brain Injury is the largest gathering of international professionals working in the field of brain injury. Delegates are comprised of physicians, psychologists and neuropsychologists, therapists, social workers, nurses, case managers, legal professionals, advocates and all others working in the field of brain injury. The Seventh World Congress will feature internationally recognized invited speakers, platform lectures, workshops, short oral presentations and poster sessions. IBIA has applied for, and expects to receive, continuing medical education credit for this congress through the EACCME. The Congress will also include a special one day pre-Congress symposium, co-sponsored with the World Federation of Neurological Rehabilitation (WFNR) on "Advances and Controversies in Mild Traumatic Brain Injury" which will be held **April 8, 2008**. To register for the Congress or to view general information, click on the link below: <http://www.internationalbrain.org>; IBIA Secretariat: [congress@internationalbrain.org](mailto:congress@internationalbrain.org); <http://www.internationalbrain.org>

#### *THE 12TH CONGRESS OF THE EUROPEAN FEDERATION OF NEUROLOGICAL SOCIETIES (EFNS)*

Madrid, Spain, August 23-26, 2008. **Abstract submission:** deadline for submission is **Monday, March 3, 2008** in order to be considered for the new **Scientist Panel Prize** which will be awarded for the first time to selected free presentations (short communications, posters). All accepted abstracts will be printed in a supplement of the **European Journal of Neurology**. For online submission of your abstract: <http://www.kenes.com/efns/call.asp>; for more information please visit the website: <http://www.kenes.com/EFNS/>

#### *MARMARIS INTERNATIONAL COGNITIVE NEUROSCIENCE MEETING (COGNITIVE V TH)*

Marmaris, Turkey; May 17-21, 2008. Main theme for the 2008 meeting will be "Multiple Semantics in The Brain". To date, among the invited speakers, M.Mesulam, S.Weintraub, S.Cappa, D.Perani, A.Damasio, H.Damasio, S.Zeki, E.Warrington, T.Bak, A.Hillis, C.Semenza, F.Manes, J.Parvizi, A.Korczyn have accepted to give a talk. Our first announcement will be in the internet. Oral and poster presentations will be evaluated after the first announcement and you are welcome to submit. Please support and consider joining this fastly growing international cognitive neuroscience meeting.

Oguz Tanridag, M.D. Professor of Neurology, Chair Organizing Committee.  
Email: [oguztanridag@gmail.com](mailto:oguztanridag@gmail.com)

## MASTER

### *Master in Neuropsicologia: Aspetti Clinici, Sperimentali, Riabilitativi*

III Edizione – 2008; durata 1 anno, inizio previsto per gennaio 2008. Sede della III Edizione del Master in Neuropsicologia è il Centro Analisi Monza (CAM), viale Brianza 21, 20052, Monza (MI), sala conferenze, 3° piano. Sono ammessi al Master in Neuropsicologia esclusivamente Psicologi iscritti all'Albo sezione A. Eccezionalmente sono ammessi laureati in Psicologia quinquennali che siano in grado di conseguire l'iscrizione all'Albo sezione A entro la fine del Corso. Il candidato dovrà aver maturato una esperienza accademica e/o lavorativa nel campo della Neuropsicologia. Il curriculum vitae dei candidati verrà vagliato ad insindacabile giudizio dalla segreteria Scientifica. Gli aspiranti corsisti dovranno inviare, **entro il 20 dicembre 2007**, all'indirizzo e-mail [master.nps.3@gmail.com](mailto:master.nps.3@gmail.com) un breve curriculum, unitamente alla domanda di iscrizione che verrà valutato, ai fini dell'ammissione, da una commissione interna. Costo: 2750 € iva inclusa  
Info: [master.nps.3@gmail.com](mailto:master.nps.3@gmail.com). Segreteria Organizzativa: Sig.ra Cristina Grisanti, 039/2397267 (ma-gio ore 12-13, 15-16); [cristinagrisanti@cam-monza.com](mailto:cristinagrisanti@cam-monza.com);  
Segreteria Scientifica: Dr.ssa Alessandra Pini 339/6260323; Dr. Riccardo Pignatti 339/3691866

## CORSI

*X INCONTRO LUCCHESE DI NEUROPSICOLOGIA CLINICA “ROBERTO ARENA”:  
“NUMERI E CALCOLO”* Lucca, 15 Dicembre 2007; Auditorium di S. Romano

### **Programma**

Ore 9:15	<i>Prof. Carlo Semenza Dip. Di Psicologia Università degli Studi di Trieste</i>	Modelli cognitivi delle abilità numeriche
Ore 10:00	<i>Prof.ssa Luisa Girelli Dip. Di Psicologia Università degli Studi Milano-Bicocca</i>	I disturbi dei numeri e del calcolo nella clinica
Ore 11:00	<i>Prof. Carlo Semenza</i>	Basi neurali e genetiche delle abilità numeriche
Ore 11:45	<i>Prof.ssa Luisa Girelli</i>	Valutazione dei disturbi acquisiti nell'uso dei numeri e del calcolo

Segreteria Organizzativa: Dott. Marco Vista, Lab. Di Neuropsicologia Clinica, U.O. di Neurologia, Osp. Campo di Marte; Azienda USL 2 Lucca, 55100 Lucca. Tel. 0583449498, Fax 0583970376, e-mail: [m.vista@usl2.toscana.it](mailto:m.vista@usl2.toscana.it)

### *EUROPEAN UNION-FUNDED SCHOOL OF NEUROSCIENCE ON ‘LARGE-SCALE INTERACTIONS IN BRAIN NETWORKS AND THEIR BREAKDOWN IN BRAIN DISEASES’.*

The school will be held from March 26 to April 1 in Santo Stefano di Sessania, approximately 2 hours east of Rome. The school is open to a selected group of students and post-docs in Neuroscience or related fields (Psychology, Biology, Biomedical Engineering, Neurology) who will attend lectures by world leaders in the field, as well as a series of hands-on tutorials on methods for studying neuronal communication (fMRI, MEG, computation). A number of outstanding scientists including Gustavo Deco, Elia Formisano, Pascal Fries, Joachim Gross, JP Lachaux, Ole Jansen, Rafael Malach, Marcus Raichle, Guy Orban, Milan Palus, Alex Reyes, Wolf Singer, Hansjorg Scherberger, Peter Uhlhaas, and Wim Vanduffel have agreed to participate. Please apply soon as the **deadline** is fast approaching (**31<sup>st</sup> December**). For more information: E-mail: [mariecurieschool@brainsynch.org](mailto:mariecurieschool@brainsynch.org); website: <http://brainsynch.org/mariecurie/>