



Workshop red CONSOLIDER BRAINGLOT: 20-21 October, 2016

DAY 1 – Thursday, 20 October 2016

9:00-9:10 Welcome N.Sebastián

SESSION A. Moderator: Itziar Laka

9:10-9:30 *"You can raise you eyebrows I don't mind. Impact of age and early bilingualism on infants' learning from talking faces"* by Mathilde Fort. SAP group, University Pompeu Fabra (UPF).

9:30-9:50 *"Language control dysfunctions in bilinguals: a neurodegenerative perspective"* by Marco Calabria. SPB group, University Pompeu Fabra (UPF).

9:50-10:10 *"Basins of attraction in neural networks: A computational study"* by Bernat Rovira. CNS group, University Pompeu Fabra (UPF).

10:10-10:30 *"How the cognitive training in visual search modifies the brain systems functioning"* by Elisenda Bueichekú. NFN Group, University Jaume I (UJI).

10:30-10:50 *"Modulation of auditory cortical and subcortical responses by feature and temporal selective attention"* by Jordi Costa Faidella. GRNC Group, University of Barcelona (UB).

10:50-11:50- Coffee Break - Poster session I

SESSION B. Moderator: Carles Escera

11:50-12:10 *"Semantic Impairments in Patients with Temporal Lobe Epilepsy"* by Maya Visser. NFN Group, University Jaume I (UJI).

12:10-12:30 *"Spontaneous cortical activity is transiently poised close to criticality"* by Adrian Ponce. CNS group, University Pompeu Fabra (UPF).

12:30-12:50 *"Attraction effects in Spanish relative sentences: a memory retrieval account"* by Nerea Egusquiza. GB Group, University Pais Vasco (UPV/EHU).

12:50-13:10 *"The clash of frames of reference: Modality switching knocks out the Simon effect"* by Manuela Ruzzoli. MRG Group, University Pompeu Fabra(UPF).

13:10-13:30 *"Sensory predictions derived from motor acts"* by Iria San Miguel, GRNC Group, University of Barcelona (UB).

- Lunch-



DAY 1 – Thursday, 20 October 2016

SESSION C. Moderator: Cesar Ávila

15:00-15:20 *“Influence of social hierarchies on infants' learning”* by Jesus Antonio Bas Villalba. SAP group, University Pompeu Fabra (UPF).

15:20-15:40 *“Putting the pieces together: On word order, agreement and prediction”* by Mikel Santesteban. GB Group, University Pais Vasco (UPV/EHU).

15:40-16:00 *“Boosting prediction by interfering attention: a rTMS study on language rule-learning”* by Ruth de Diego. University of Barcelona (UB).

16:00-16:20 *“Our Choices are Foreign to Us”* by Joanna Corey. SPB group, University Pompeu Fabra (UPF).

16:20-17:20 Coffe Break-Poster session II



DAY 2 – Friday, 21 October, 2016

9:30–9:45 Interactive sessions to debate ideas, points of view and specific projects. Distribution of all participants in different groups.

9:45-11:30 Specific debate sessions

11:30-12:00 Coffee Break

12:00- 13:30 Specific debate sessions

13:30-14:30 Closing session and conclusions

- Lunch-





Poster Session I

Thursday, 20th of October

1. *Do infants understand the winner as a leader?*. Jesús Bas, Núria Sebastián-Gallés
2. *Social Cognition in Action Representation*. Andrea Riquelme-Esteve, Núria Sebastián-Gallés
3. *Does type of bilingualism influence infants' visual attention?*. Alba Ayneto & Núria Sebastián-Gallés
4. *Traces of Statistical Learning in the Brain's Functional Connectivity after Linguistic Processing*. Pallabi Sengupta, Gorka Zamora-Lopez, Miguel Burgaleta, Gustavo Deco, Nuria Sebastián-Gallés
5. *Integration and segregation underlying human cognition in iEEG network dynamics*. Josephine Cruzat, Gustavo Deco, Adrià Tauste, Alessandro Principe, Albert Costa, Morten L. Kringelbach & Rodrigo Rocamora
6. *Does active bilingualism act as a compensatory mechanism against cognitive decline?*. Gabriele Cattaneo, Marco Calabria, Mireia Hernández, Anna Suades, Montserrat Juncadella, Ramón Reñé, Isabel Sala, Alberto Lleó, Jordi Ortiz-Gil, Lidia Ugas, César Ávila, Albert Costa
7. *The effect of the speaker's language on the perception of faces*. Elisa Ruiz-Tada, Cristina Baus, Albert Costa
8. *Transfer effects of language switching training*. Kalinka Timmer & Albert Costa
9. *The clash of spatial representations: Modality switching knocks out the Simon effect*. Manuela Ruzzoli, Leonor Castro, Salvador Soto-Faraco
10. *Audio helps to rescue visual events to awareness, but there is no shortcut through audiovisual integration*. Marta Szabina, Papai & Salvador, Soto-Faraco
11. *Can meter be induced in the auditory spatial domain?*. Alexandre Celma-Miralles; & Juan M. Toro
12. *Brain responses to changes in consonance and dissonance*. Paola Crespo-Bojorque, Júlia Monte-Ordoño, Juan M. Toro
13. *When only natives get it (right): ERP evidence on case morphology processing in L1 and L2 speakers*. Adam Zawiszewski
14. *Predicting sounds and silences: an ERP study*. Vittoria Spinosa, Iria SanMiguel
15. *Effects of frequency difference magnitude on deviance-related responses along the auditory hierarchy*. Teresa Ribas, Natàlia Gorina-Careta, Carles Escera
16. *Negated disjunctive statements: the Italian perspective*. Elena Pagliarini, Stephen Crain, Maria Teresa Guasti



Poster Session II

Thursday, 20th of October

1. *Foreign language use reduces the effect of intention on punishment judgments.* Joanna D. Corey, Alice Foucart, Marc Lluís Vives, & Albert Costa
2. *Outcome bias: now you see it, now you don't.* Marc Lluís Vives, Joanna D. Corey, & Albert Costa
3. *When Alice in Wonderland has an accent: The effects of accented speech on attentional networks.* Mireia Hernández, Noelia Ventura-Campos, Albert Costa, Anna Miró-Padilla, & César Ávila
4. *Visual language discrimination in monolingual and bilingual infants is not speech specific.* Loreto Nácar, Bencie Woll, Marcel R. Giezen, Robert Adam, Janet Werker, Karen Emmorey, Núria Sebastián-Gallés
5. *Backward Semantic Inhibition in Toddlers: preliminary data from Spanish-Catalan bilinguals.* Camille Frey, Janette Chow, Kim Plunkett, Luis Fuentes and Núria Sebastián-Gallés
6. *How the principle of rationality in infancy can be used to select friends?.* Marc Colomer, Jesús Bas, Núria Sebastián-Gallés
7. *Behavioral correlates of logical inferences.* A. Martín, N. Cesana-Arlotti, L.L. Bonatti
8. *Predictive timing in Developmental Dyslexia.* Elena Pagliarini, Giorgia Maffioli, Bruna Molteni, Natale Stucchi, Maria Teresa Guasti
9. *Functional connectivity in resting state as a phonemic fluency ability measure.* Anna Miró-Padilla, Elisenda Bueichekú, Noelia Ventura-Campos, María-Ángeles Palomar-García, César Ávila
10. *Task-dependency of audio-visual semantic effect on spatial orienting.* Daria Kvasova, Laia Garcia Vernet, Salvador Soto Faraco
11. *Directing attention over infrequent stimuli drives rule learning.* Monte-Ordoño, Júlia & Toro, Juan M.
12. *Brain Synchronization to Syllables and Phonemes.* Irene Torres, Juan M. Toro
13. *Sense and sensibility: the effect of bilingualism on the motor system.* Miren Urteaga
14. *Timing predictability of the upcoming sound sequence enhances regularity encoding in the human subcortical auditory pathway.* Natàlia Gorina-Careta, Katarzyna Zarnowiec, Jordi Costa-Faidella, Carles Escera
15. *Different effects of deviant probability manipulations on the middle-latency response and mismatch negativity.* Fran López-Caballero, Katarzyna Zarnowiec and Carles Escera.