

BBL/CIBM/FCBG research day

5th May 2021 - Online event

NEUROSCIENCE POSTER

1 31P Magnetic Resonance Spectroscopy analysed and quantified by Convolutional Neural Network (CNN)

Julien Songeon, Sebastien Courvoisier, Antoine Klauser, Alban Longchamp, Jean-Marc Corpataux, Leo Buhler, and François Lazeyras

2 HR-MRSI metabolites quantification by AI

Sébastien Courvoisier, Antoine Klauser, Peter Lichard, Jonathan Aeschmann, Michel Kocher, François Lazeyras

3 Quantitative functional brain mapping using Arterial Spin Labelling

GR Iannotti, I Nadin, S Momjian, KL Schaller, KO Lovblad, F Grouiller

4 Beyond Unpleasantness. Social exclusion affects the experience of pain, but not of comparably-unpleasant disgust

Lia Antico, Charlotte Reguidiere, Ander Baranda Urquijo, Asli Erdemli, Eduardo Pappaianni, Laura Riontino, Corrado Corradi-Dell'Acqua

5 Amygdala in Action: Functional Connectivity during Approach and Avoidance Behaviors

Joana Leitão, Maya Burckhardt and Patrik Vuilleumier

6 Using fMRI coupled with EEG to assess attentional improvement

MO Zimmermann, R Tyrand, E Badier, R Ha-Vinh Leuchter, P Vuilleumier, F Grouiller

7 Dynamic interactions between functional brain networks mediate the impact of negative emotion episodes on subsequent neural activity at rest and affective state

Julian Gaviria, Patrik Vuilleumier

8 The effects of an 18-month meditation training on neural and behavioral responses of emotion in healthy elderly

Yacila Deza, Olga Klimecki, Patrik Vuilleumier

9 In the object's shoes: unveiling a ventro-temporal node for object-space and object-based attention

Ilaria Sani, Patrik Vuilleumier

10 Impact of affective carry over on cognitive control

Julian Gaviria, Gwladys Rey, Thomas Bolton, Dimitri van de Ville, Patrik Vuilleumier

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