

**INTERNATIONAL SCHOOL of
CLINICAL NEUROANATOMY**

Frontal Lobe

May 25-27, 2011

Torre Normanna - Hotel & Resort
Altavilla Milicia (Palermo) - Sicily



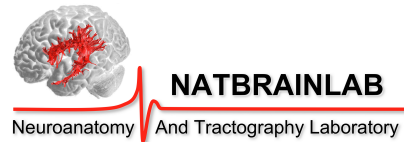
For many, understanding the role of the frontal lobes represents the ultimate frontier in neuroscience.

This year the International School of Clinical Neuroanatomy aims to provide a broad platform to clinical neuroscientists interested in the neuroanatomy of the frontal lobes, providing a comprehensive overview of the correlation between frontal lesions and disorders of executive functions in head injury, stroke, dementia, multiple sclerosis, movement disorders, autism, depression and schizophrenia.

Local Committee **Scientific Committee**

Marco Catani - London
 Francesco Iemolo - Vittoria (RG)
 Luigi Pastore - Palermo
 Giuseppe Zappalà - Catania
 giuseppe_zappala@tiscali.it

Marco Catani - London
 Donald Stuss - Toronto
 Alberto Bizzi - Milan
 Hughes Duffau - Montpellier
 Sergio Della Sala - Edinburgh
 stephanie.forkel@kcl.ac.uk



KING'S
College
LONDON
Founded 1829

University of London

Palermo SICILY-ITALY
25-28 May 2011



INTERNATIONAL SCHOOL of CLINICAL NEUROANATOMY

'FRONTAL LOBE'

Our Mission

For many, understanding the role of the frontal lobes represents the ultimate frontier in neuroscience. This year the International School of Clinical Neuroanatomy aims to provide a broad platform to clinical neuroscientists interested in the neuroanatomy of the frontal lobes. We intend to capitalize on novel methods for brain mapping to provide a comprehensive overview of the correlation between brain lesions and disorders as applied to neurological and psychiatric disorders. The International school offers a unique opportunity for neurologists, neuroradiologists, psychologists, neurosurgeons and psychiatrists to share knowledge and integrate complementary approaches to neuroanatomy. The format of the conference is a blend of lectures, keynotes and single case presentations with many opportunities for young clinicians and researchers to meet the experts and discuss specific topics.

Hands-on workshop

A limited number of participants will have the possibility to attend hands-on sessions on diffusion tensor imaging (DTI) tractography. The objective of these sessions is to introduce basic commands of Trackvis and describe the principles of white matter organization of the frontal lobes. The number of participants is limited to a maximum of 50.

Booking forms for the conference and hands-on workshop can be downloaded from the website:
<http://www.natbrainlab.com>

Special issue of Cortex Clinical Neuroanatomy on the frontal lobes

An editorial initiative is linked to the international school. Marco Catani and Donald Stuss are co-editing a special issue of Cortex dedicated to the clinical neuroanatomy of the frontal lobes. The main outcome of the special issue will be a better understanding of the functional anatomy of the frontal lobes as derived from mapping symptoms to localised cortical areas and extended frontal networks. We invite case series, literature reviews, and structural imaging data related to frontal motor, cognitive, emotional, and integrative functions and its disorders. Our aim is to capitalise on the important insights from classical clinical-anatomical correlation and promote a forward-looking network approach to frontal lobe syndromes.

For further information visit: **www.elsevier.com/locate/cortex**

Venue

The conference will be held in Torre Normanna, Hotel & Resort located in one of the most beautiful parts of Sicily. For informations visit: **<http://www.torrenormanna.it>**

Special tariffs will be offered to the attendees of the international school. For booking contact directly: **normanna@torrenormanna.com**

Preliminary Program:

Wednesday 25 May 2011

- 9:00-9:30 am Registration
- 9:30-10:00 am Welcome and Introduction remarks (M. Catani and D. Stuss)
- 10:00-10:45 am Surface and sectional landmarks of the frontal lobes (A. Bizzi, Milan)
- 10:45-11:30 am Cytoarchitectonic and connectional anatomy in the monkey brain (M. Petrides, Montreal)
- 11:30-11:45 am COFFE BREAK
- 11:45-12:30 pm Short intralobar frontal connections of the human brain (M. Catani, London)
- 12:30-1:15 pm Comparative anatomy of the frontal lobe connections (M. Thiebaut de Schotten, Paris)
- 1:15-3:15 pm LUNCH
- 3:15-5:15 pm Virtual in vivo tractography dissections (Tutorials for absolute beginners)
- 5:30-6:30 pm KEYNOTE LECTURE (D Stuss, Toronto)

Thursday 26 May 2011

- 10:00-10:45 am Neuropsychological testing for the frontal lobes (S Della Sala, Edinburgh)
- 10:45-11:30 am EEG preoperative assessment of the frontal lobe in epilepsy (M Richardson, London)
- 11:30-11:45 am COFFE BREAK
- 11:45-12:30 pm Intraoperative stimulation of the frontal pathways (H Duffau, Montpellier)
- 12:30-1:15 pm Consciousness and the frontal lobes (G Rees, London)
- 1:15-3:15 pm LUNCH
- 3:15-5:15 pm Hands-on Virtual In Vivo Tractography Dissections (Advanced level)
- 5:30-7:00 pm Grand Round (presentation and discussion of selected clinical cases)

Friday 27 May 2011

- 10:00-10:45 am Clinical profiles in traumatic brain injury (G Zappala, Catania).
- 10:45-11:30 am Frontal lobe manifestations in patients with basal ganglia and thalamic lesions (M Krause, Sydney)
- 11:30-11:45 am COFFE BREAK
- 11:45-12:30 pm Frontal lobe degeneration in motor neuron disease and FTD (S Tsermentseli, London)
- 12:30-1:15 pm The contribution of the frontal lobes to confabulation and remote memory (M Kopelman, London)
- 1:15-1:30 pm Concluding remarks