



# THE RISE OF A NEW ASSOCIATIONIST SCHOOL FOR LESION-SYMPTOM MAPPING

A TALK BY

**MICHEL THIEBAUT DE SCHOTTEN**

**PARIS-SORBONNE  
UNIVERSITY**

**08**  
**FEBBRAIO**  
**14:30**

**AULA MAGNA DELLA  
CLINICA NEUROLOGICA  
VIA GIUSTINIANI, 2  
PADOVA**

Patients with brain lesions provide a unique opportunity to understand the functioning of the human mind. However, even when focal, brain lesions have local and remote effects that impact functionally and structurally connected circuits. Similarly, function emerges from the interaction between brain areas rather than their sole activity. For instance, category fluency requires the association between executive, semantic and language production functions.

We will discuss a set of complementary solutions to measure the impact of a given lesion upon the neuronal circuits.

Taken together, these neuroimaging measures will help discern the natural history of events occurring in the brain after a lesion, as well as assist in the localization of functions.



**Michel Thiebaut de Schotten**, received his PhD from la Sorbonne in Paris for his work on spatial neglect as a disconnection syndrome. As a postdoctoral researcher at the Institute of Psychiatry King's College London, he mapped the organisation of white matter anatomy in the healthy human living brain. Michel joined the French National Center for Scientific Research (CNRS) as a tenure-track researcher in 2012 and founded the BCBlab. He now conducts research on white matter anatomy, brain evolution, brain disconnections and new brain-behaviour associations. In 2014, he was awarded the prestigious British Neuropsychological Society's Early Career Award, the Elizabeth Warrington Prize as well as the European Society for Neuropsychology Cortex prize.



Un ciclo di seminari organizzato da

**PADOVA NEUROSCIENCE CENTER**  
**UNIVERSITÀ DEGLI STUDI DI PADOVA**