



Seminari di Dipartimento 2024

Mercoledì 29 Maggio 2024
Aula 5A, edificio H2bis

DSV
SEMINARS

Ore 11.00

From the lab to the clinic: translational solutions for speech fluency disorders

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Speech and language are among the most complex functions of our central nervous system, requiring different phases of planning, programming and execution that often overlap. Our understanding of the mechanisms involved in these processes is constantly increasing and may be useful in the treatment of speech and language

disorders, such as Childhood Onset Fluency Disorder (COFD; formerly known as Developmental Stuttering), a condition that can persist into adulthood.

I'll present results from my lab, which in recent years has been actively involved in investigating the pathophysiological mechanisms and clinical evidence of COFD using multimodal techniques such as TMS, EEG, MEG, MRI and behavioural testing. Finally, I will discuss the need for more "tailored" interventions for fluency disorders, with translational evidence that can be exploited in other clinical contexts, such as language dysfluencies as seen in Parkinson's disease or non-fluent aphasia.