



The Neural Basis of Language Production As We Speak

5 June 2023

3:30 p.m. - 4:45 p.m. (HKT)

Abstract

When speaking, the conceptual content of the message to be expressed constrains possible word candidates, thereby facilitating lexical access and word production. This situation can be studied by means of picture naming, in which the picture stands for the concept to be expressed. However, in natural conversation, the concept to be expressed is generated via the ongoing context.

Dr. Piai will present a series of studies examining visually guided and contextually guided naming using electrophysiological, fMRI, non-invasive brain stimulation, and lesion-symptom methods, providing evidence with respect to their neural overlap and distinctions.

Speaker

Dr. Vitória Piai is an associate professor at the Donders Institute for Brain, Behaviour and Cognition at Radboud University in the Netherlands. Her research focuses on language production in healthy populations as well as in populations with speech or language impairment. She works with a range of behavioural and neuroimaging methods, and in particular electrophysiology, and pays special attention to the intersection of language and other functions, such as executive control, (semantic) memory, and motor control.

ZOOM



To register, please visit:
<https://cityu.zoom.us/meeting/register/tJwvd-uvqToqHNvc5t6Z3gWl68-zkCEBf5RR>

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