



Department of Psychology
The University of Hong Kong

香港大學心理學系

Departmental Seminar

Learning Cognitive Control

2:00 p.m. – 3:00 p.m. | April 11, 2024 (Thursday)

Rm 813, 8/F, The Jockey Club Tower | Centennial Campus | The University of Hong Kong



Prof. Tom VERGUTS

Professor

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Abstract

Traditionally, cognitive control was considered as the exact opposite of learning: Cognitive control is whatever you apply when no learned action is available and you must do “something new”. But this approach leaves unanswered how it is exactly that the agent should know then what to do in such situations. To address this problem, in recent years, we have argued that cognitive control actually also results from learning but learning at a higher (or meta) level. I will explain several studies based on this basic idea, in the domains of learning task switching, learning rates, attention, and learning strategies.

About the Speaker

Prof. Verguts is a senior full professor at the Ghent University. He is interested in using cognitive neuroscience and computational modelling methods to investigate cognitive control and learning.



~All are Welcome~

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