



CBS Research Seminar

Computational Research in Psychology and Linguistics

Presented by

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Date: 5 November 2018 (Monday)

Time: 2:00 p.m. - 3:00 p.m.

Venue: HJ303, The Hong Kong Polytechnic University
All are welcome.

ABSTRACT

In this talk, I review two computational methods used in psychology and linguistics, namely data science and computational modeling. For the data science method, I introduce two examples of using it in psychology research: studying the influence of individual differences in reading behaviors as gauged by eye-tracking measures, and extracting the correlation between social media like Facebook languages and social media users psychological status like satisfaction with life. For the computational modeling approach, I introduce one example of using agent-based model to study the relative importance of perceptual constraints on colors and socio-cultural transmissions to the universality of linguistic color categorization across languages. These examples demonstrate the multidisciplinary nature of psychology and linguistics research.