Fifth European Summer School on Computational and Mathematical Modeling of Cognition

7 - 21 July 2018, Couches, Burgundy, France

http://sites.uci.edu/cmmc/
www.u-bourgogne.fr/lead

$$P(A_i \mid B) = \frac{P(B \mid A_i)P(A_i)}{\sum_j P(B \mid A_j)P(A_j)}$$

$$K = \frac{P(M_1 \mid D)P(M_2)}{P(M_2 \mid D)P(M_1)}$$

Most areas of cognitive psychology have recognized the power of computational and mathematical models and have embraced their benefits to rigorous theorizing. One illustration of this trend is the growing popularity of Bayesian approaches to cognitive modelling. This powerful trend comes, however, at a cost: The complexity of models and modelling techniques render it increasingly difficult for non-experts to acquire the necessary skills and then keep pace with developments.

This summer school is dedicated to introducing researchers to the basic techniques of computational and mathematical modelling from the ground up and in a hands-on manner. The instructors represent a broad range of expertise and are all research leaders in their field with extensive experience in teaching of modelling.

Cost
Thanks to generous funding from the French National Research Agency (ANR), the Franco-German University (UFA-DFH), the University of Burgundy-Franche-Comté (UBFC), Talent Campus, and the CNRS Laboratory for Research on Learning and Development (LEAD-CNRS) we are able to keep the cost to participants low. The complete cost of the Summer School is €650, including (a) twin share accommodation at the conference hotel; and (b) breakfast and dinner (but not lunch).

Applications
To apply, visit http://sites.uci.edu/cmmc/ by 20 April 2018

Faculty

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