UNIVERSIDAD DE GRANADA

Máster Universitario en
Neurociencia Cognitiva
y del Comportamiento

Charla Dr. Rob Honey: "Prediction and prediction error"

Desde el Vie, 17/04/2026 - 12:30 hasta el Vie, 17/04/2026 - 14:30

Prediction and prediction error

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Hora, fecha y lugar: 17 de abril, 12.30, Sala de conferencias 1, CIMCYC

Idioma: Inglés

Abstract: Models of learning emphasize the importance of prediction and prediction error. This emphasis is often justified by the difference in effectiveness of forward and backward conditioning trials: When a conditioned stimulus precedes and thereby predicts the unconditioned stimulus marked changes in behaviour are observed, but when the unconditioned stimulus precedes the delivery of the conditioned stimulus the changes are weak and transient. However, our recent research suggests that the emphasis on prediction and prediction error should be revisited: Backward conditioning trials in human and nonhuman animals can affect marked changes in behaviour (Guitard, Burgess, Foo, Navarro & Honey, 2025; Navarro, Dwyer & Honey, 2023). These results provide support for Asratian's (1965) informal account of learning and recent formal instantiations of his ideas (Honey &

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Dwyer, 2022; Honey, Dwyer & Iliescu, 2020).

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