

SPRING 2023

COGNITIVE SCIENCE SEMINAR

FedEx Institute of Technology
Room 405
4:00 - 5:45PM

All talks available virtually via zoom and in person



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JAN 18

Reinforcement Learning and Predictive Coding
Models of Agents in Artificial Intelligence

Bonny Banerjee, PhD
University of Memphis

JAN 25

The importance of social information and the
modularity of social cognition

Susana A. M. Varela, PhD
ISPA-Instituto Universitário, Portugal

FEB 01

The shared manifold of emotions and
sensations. An embodied perspective.

Vittorio Gallese, PhD
Università di Parma, Italy

FEB 08

Testing functional accounts of emotion
through anger and boredom

Heather Lench, PhD
Texas A&M University

FEB 15

The human infant as an agent in vocal and
language development

Kim Oller, PhD
University of Memphis

FEB 22

Reward is not enough: Can we liberate AI
from the reinforcement learning paradigm?

Vacslav Glukhova, PhD
Ex-Director of AI Research, JP Morgan Chase & Co.

MAR 01

Title TBD

Reuven Dukas, PhD
McMaster University, Canada

MAR 15

The neurogenetic mechanisms and evolution
of division of labor in social hymenopterans

Philip Kohlmeier, PhD
University of Memphis

MAR 22

What is sense of agency and why does it
matter?

James Moore, PhD
University of London, UK

MAR 29

Coordinated rhythms in animal species,
including man: Entrainment from bushcricket
choruses to the philharmonic orchestra

Michael D. Greenfield, MD
University of Kansas

APR 05

The goals, methods, and philosophy of
behavior analysis science: Prediction and
influence of meaningful behavior

James Meindl, PhD
University of Memphis

APR 12

Title TBD

Daniela Corbetta, PhD
University of Tennessee

APR 19

Diversity and evolution in the sunflower
family

Jennifer Mandel, PhD
University of Memphis

APR 26

Title TBD

Martin Nowak, PhD
Harvard University