FRIDAY, AUGUST 30 @ SWISSTECH CONVENTION CENTER EPFL

* From selected abstracts   # Numbers correspond to abstract book

FROM 8:30	ARRIVAL, COFFEE, CROISSANTS AND POSTER SET-UP
9:15	**WELCOME WORDS**
09:30	**PLENARY LECTURE** **ASYA ROLLS** (ISRAEL INSTITUTE OF TECHNOLOGY) **A PHYSIOLOGICAL TAKE ON THE MIND-BODY QUESTION** *MODERATORS: AÏDA FALL & MIKKEL SCHÖTTNER*
10:30	**5X DATA BLITZ BY NEUROLEMAN PHD CANDIDATES** (10MIN EACH#*) • MI XUE TAN #119 • RAFIK DALI #33 • JESSICA REBEAUD #102 • ARTHUR NGUYEN #87 • MARIT KNOOP #65 *MODERATORS: DAVID GYORGY & ANAS MASOOD*
11:30	**LUNCH POSTER SESSION** >>> VISITS OF POSTERS WITH **ODD NUMBERS** BY POSTER COMMITTEE BETWEEN 12:00-13:00#
13:30	**PLENARY LECTURE** **STEFANO PALMINTERI (**LABORATOIRE DE NEUROSCIENCES COGNITIVES ET COMPUTATIONELLES (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE & ÉCOLE NORMALE SUPÉRIEURE, PARIS) **RELATIVE OUTCOME ENCODING: A UNIVERSAL PRINCIPLE OF REINFORCEMENT LEARNING?** *MODERATORS:* MI XUE TAN & ARTHUR NGUYEN

14:30	**5X DATA BLITZ BY NEUROLEMAN PHD CANDIDATES** (10MIN EACH#*) • ANAS MASOOD #78 • AÏDA FALL #47 • LUKAS VAN DEN HEUVEL #129 • LILA BANTERLE #13 • MIKKEL SCHÖTTNER #115 *MODERATORS: JESSICA REBEAUD & FABIO GRIECO*
15:30	COFFEE BREAK
16:00	**5X DATA BLITZ BY NEUROLEMAN PHD CANDIDATES** (10MIN EACH#*) • ARIANE ANDREE MARIE DELROCQ #37 • PABLO TANO RETAMALES #120 • DAVID GYORGY #56 • FABIO GRIECO #54 • ANISSA BOUTABLA #24 *MODERATORS: MARIT KNOOP & RAFIK DALI*
17:00	**AMICITIA EXCELLENCE PRIZE 2024** PRESENTATION OF THE AMICITIA FOUNDATION AND THE AWARDEE OF THE AMICITIA EXCELLENCE PRIZE 2024 **CLOSING WORDS AND ANNOUNCEMENTS**
17:15 – 19:30	**EVENING POSTER SESSION WITH STANDING DINNER** >>> VISITS OF POSTERS WITH **EVEN NUMBERS** BY POSTER COMMITTEE BETWEEN 17:30-18:30# **ENDING WITH NLN BEST PRESENTATION AWARDS** • AWARD OF THE **JEAN FALK-VAIRANT FOUNDATION** FOR THE BEST BASIC AND THE BEST CLINICAL NEUROSCIENCE POSTER OR ORAL PRESENTATION • **NEUROLÉMAN NETWORK AWARD** FOR THE BEST ORAL AND THE BEST POSTER PRESENTATION

FROM 19.45 >>>> POST-MEETING GET-TOGETHER AT VORTEX <<<<<

PLENARY TALK ABSTRACTS

ASYA ROLLS

ISRAEL INSTITUTE OF TECHNOLOGY

A PHYSIOLOGICAL TAKE ON THE MIND-BODY QUESTION

The mind-body connection is evident in modern medicine, with stress-induced disease and placebo treatments. We aim to identify the neural pathways where brain activity, evident in different mental processes, influences the immune system. Investigating how the brain represents the state of the immune system and regulates immunity offers insights into psychosomatic disorders and the potential to leverage the brain's therapeutic potential.

STEFANO PALMINTERI

LABORATOIRE DE NEUROSCIENCES COGNITIVES ET COMPUTATIONELLES, INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE & ÉCOLE NORMALE SUPÉRIEURE, PARIS

RELATIVE OUTCOME ENCODING: A UNIVERSAL PRINCIPLE OF REINFORCEMENT LEARNING?

In the present talk we will review experimental evidence supporting the idea that outcomes are not encoded subjectively in human reinforcement learning. We will dwell into the computational mechanisms of this process, as well as show how the results are robust across cultures, species and in artificial intelligence. Finally, we will speculate about the normative status of this process.

Our meeting is kindly supported by:

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