SCHOOL MEETINGS

Ph.D. Psychological Sciences

SCUOLA DI PSICOLOGIA
UNIVERSITÀ DI PADOVA

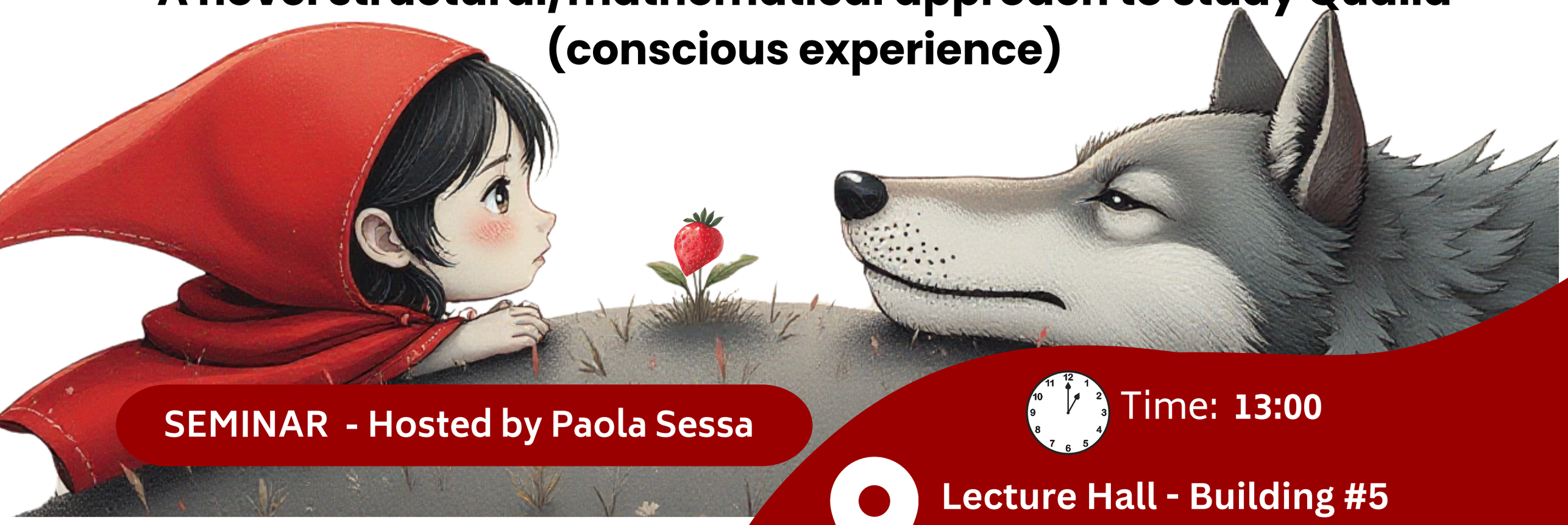
03.10.2025

NAOTSUGU TSUCHIYA

Monash University (Australia) & Lab. of Qualia Structure
(ATR Computational Neuroscience Labs., Japan)

IS MY "RED" YOUR "RED"?

A novel structural/mathematical approach to study Qualia (conscious experience)



SEMINAR - Hosted by Paola Sessa

Time: **13:00**

Lecture Hall - Building #5
ESU Student House, Via Venezia 20
access at the rear of the building

Open to All Interested

phd.psychology@unipd.it

https://dottorato.psy.unipd.it/en

Dipartimento di Psicologia dello Sviluppo e della Socializzazione

DIPARTIMENTO DI PSICOLOGIA GENERALE
Università di Padova

UNIVERSITÀ DEGLI STUDI DI PADOVA

PhD in Psychological Sciences

SCUOLA DI PSICOLOGIA
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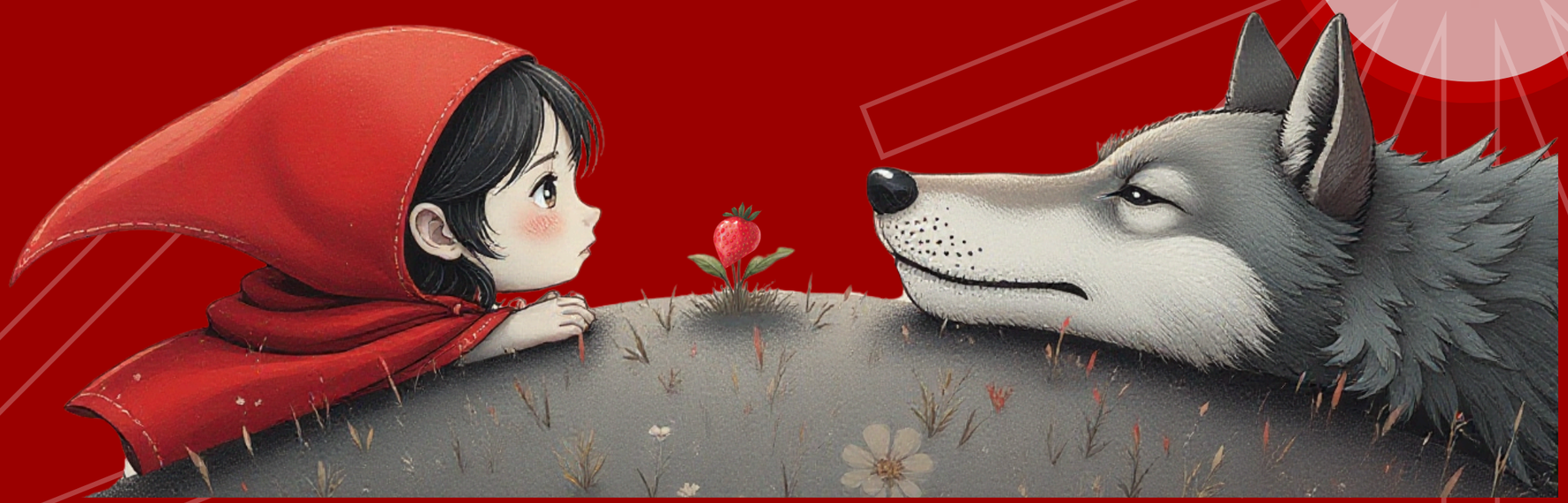

IS MY "RED" YOUR "RED"?

A NOVEL STRUCTURAL/MATHEMATICAL APPROACH TO STUDY QUALIA (CONSCIOUS EXPERIENCE)

Recently, theories of consciousness have proliferated, partly because traditional empirical approaches focusing on neural correlates of consciousness (NCC) offer limited constraints. Unlike most traditional studies, which use binary paradigms (e.g., "seen" vs. "unseen"), a structural approach aims to characterize qualia and their physical substrates through relationships among qualia and between qualia and neural mechanisms. We present initial structural experiments and analyses that map properties of qualia (e.g., color, motion, sound, face) onto neural connectivity and activity. This framework may eventually yield a systematic catalogue of qualia–substrate relationships, akin to a "periodic table of qualia," providing a path toward addressing the hard problem of consciousness.

Prof. Naotsugu Tsuchiya's biosketch

Monash University (Australia) & Lab. of Qualia Structure (ATR Computational Neuroscience Labs., Japan)

What is consciousness? Can we tell if other animals experience subjectivity, or whether there will be conscious machines or robots? These fundamental philosophical questions are being explored by neuroscientist Professor Nao Tsuchiya and his team at Monash University.

FRIDAY, OCTOBER 3RD **1:00 PM**

LECTURE HALL - BUILDING 5 (VIA VENEZIA, 20)

INFOS : https://dottorato.psy.unipd.it/en phd.psychology@unipd.it