

Pain & vision, a crucial interaction to optimize threat detection and body protection

IMRF 2023 satellite symposium

Brussels (Belgium), Monday 26th of June 2023



Address: UCLouvain, Room Gery Cori (Laennec tower), Avenue Hippocrate 57, 1200 Brussels ([G-map](#))

Web: <https://uclouvain.be/fr/instituts-recherche/ions/evenements/imrf-2023-satellite-symposium.html>

Registration: <https://forms.gle/HAByWr5taAhiZ8ZC9>

Contact: pain.vision.symposium.2023@gmail.com

Updates: <https://www.facebook.com/nocions>, <https://twitter.com/ValeryLegrain>

Program: (25 min talk + 5 min questions)

- 09:15 – 09:40 Welcome & Introduction
- 09:40 – 10:10 **Caitlin Naylor** (Department of Psychology, University of Bath, United Kingdom)
Seeing, feeling, and changing the limb: variability in manifestations of body perception disturbances and desired changes to the affected limb in complex regional pain syndrome.
- 10:10 – 10:40 **Sara Coppi** (Department of Neuroscience, Karolinska Institute, Sweden)
Visual-nociceptive interaction during rubber hand illusion.
- 10:40 – 11:00 Coffee break
- 11:00 – 11:30 **Avgustina Kuzminova** (Institute of Neuroscience, UCLouvain, Belgium)
Multisensory interactions between nociception and vision through the looking glass.
- 11:30 – 12:00 **Monika Halicka** (Institute of Neuroscience, UCLouvain, Belgium)
Neurophysiological underpinnings of crossmodal interaction between nociception and vision.
- 12:00 – 12:30 **Lieve Filbrich** (Health Psychology Unit, KU Leuven, Belgium)
Effects of visuo-nociceptive interactions on motor excitability.
- 12:30 – 13:30 Lunch
- 13:30 – 14:00 **Carlotta Fossataro** (Department of Psychology, University of Turin, Italy)
Mapping the defensive peripersonal space: the role of vision and proprioception in shaping defensive responses.
- 14:00 – 14:30 **Valéry Legrain** (Institute of Neuroscience, UCLouvain, Belgium)
Impact of congenital blindness on pain intensity perception and its spatial representation.
- 14:30 – 15:00 **Sara Touj** (CoBra Lab, Brain Imaging Center, McGill University, Canada)
Pain hypersensitivity and enhanced olfactory performance is associated with brain plasticity in the blind mouse.
- 15:00 – 15:20 Coffee break
- 15:30 – 17:00 Lab visit & demonstration at the Pain Research Lab (Institute of Neuroscience, UCLouvain)
- 17:00 – ... Aperitif