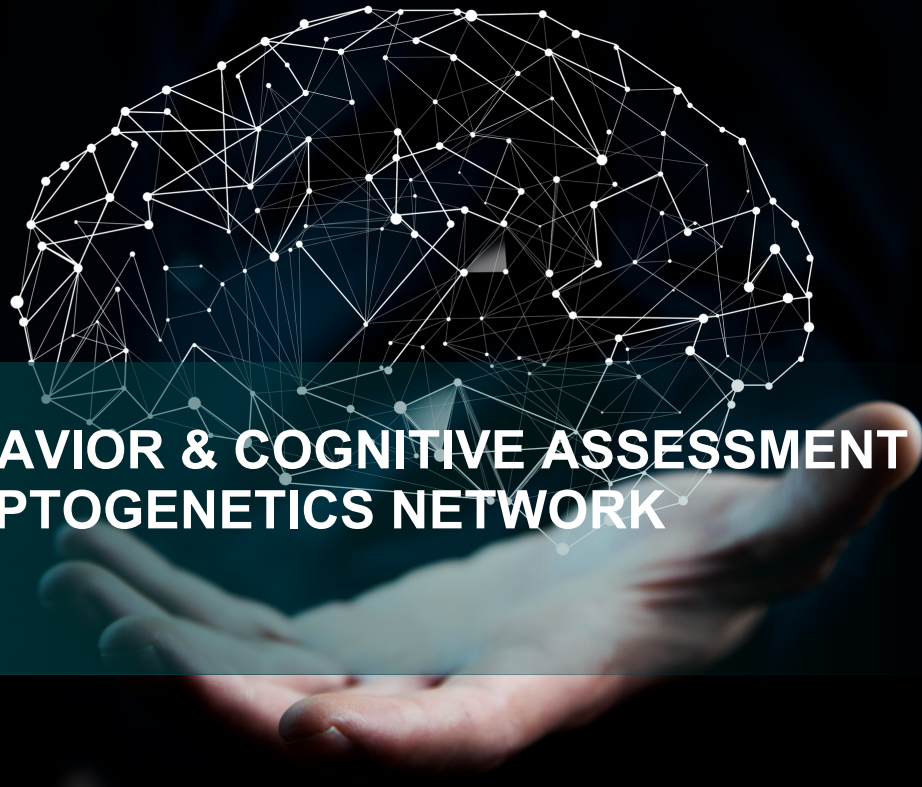# Workshop

AUTOMATED BEHAVIOR & COGNITIVE ASSESSMENT AND WIRELESS OPTOGENETICS NETWORK MODULATION

SPEAKERS:

Dr. dilip Verma
TSE Systems - Manager product management

Dr. Pierre-Louis Ruffault
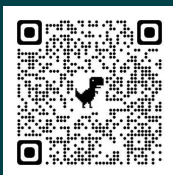*TSE Systems - Sales manager southern Europe and Middle East territories*

HOST:
Dr. Charlotte Laloux
charlotte.laloux@univ-lille.fr

Monday, 11th March 2024, 14:00

Amphithéatre B (3e étage)
Faculté de médecine - Pôle recherche
1 place de Verdun - 59045 LILLE cedex
France

Workshop Registration ➔

IntelliCage, by TSE Systems, is the first behavioural and cognitive phenotyping platform granting a complete analysis in group-housed conditions while minimizing human interference. This cutting-edge tool is designed to help you achieve your research goals by minimizing cognitive assay variability and providing high-throughput phenotypic screening capabilities.

Multi Conditioning System, by TSE Systems provides a comprehensive platform with ten behavioral paradigms for evaluating learning, memory, emotion, stress, and locomotor behavior in mice and rats. Controlled by software, its enclosed environment maintains precise regulation, excluding external influences like sound, scent, light, and temperature.

NeuroLux replaces traditional head mount implants with ultralightweight subdermal implants. The user-friendly interface empowers researchers with precise control, offering a spectrum of LED colors and seamless compatibility with TTL systems. The Implants operates wirelessly and without the need for batteries, enhancing flexibility and group house experimentation. NeuroLux offers multiple implants for various applications such as optogenetics, pharmacology, and physiology.

Plateforme Lille In vivo Imaging and Functional Exploration (LiiFE)

UAR 2014 - US 41 Plateformes lilloises en Biologie & Santé (PLBS)