

# SINdem4Juniors

## 12<sup>th</sup> Winter Seminar on Dementia and Neurodegenerative Disorders

Recent Advances in Clinical and Experimental Research on Dementia and Neurodegenerative Disorders

Organized by SINdem4Juniors Young Members Executive Committee of The Italian Neurological Dementia Association

### February 5-7, 2025

Bressanone, Italy  
Dolomiti - Sud Tirolo

## Save the date!

#### Call for Abstracts

Applicants are invited to submit their abstract in the area of dementia and neurodegenerative disorders.

Topics: clinical management, neuropsychology and behaviour, neuroimaging, neurophysiology, neurobiology, genetics, epidemiology.

#### Call for Young Moderators and Scientific Committee Members

Applicants are invited to submit a presentation letter and their CV.

Submission is restricted to investigators under 40 years of age.

February 5, 2025  
Contamination Session

February 6-7, 2025  
Scientific Session

Deadline for submissions  
November 24, 2024

# Contamination Session

February 5<sup>th</sup>

Dream Hacking: The Cognitive Neuroscience of Lucid Dreaming

*Martin Dresler (Nijmegen, Netherlands)*

Resurrecting the Past: Exploring the Genomic Boundaries of De-Extinction

*William Barrie (Cambridge, UK)*

Lost Connections: The Role of Synapses in Memory Decline

*Silvia Pelucchi (Milan, Italy)*

Eternal Minds: Cryonics for a Future Beyond Neurodegeneration

*Anders Sandberg (Oxford, UK)*

# Scientific Session

February 6<sup>th</sup>

The Biological Framework  
Of Parkinson's disease

*Günter Höglinger (Münich, Germany)*

The Future of Brain Stimulation: Harnessing  
Temporal Interference for Non-Invasive  
Deep Brain Treatment

*Edward Rhodes (London, UK)*

Oral Communications

Beyond the Plaques: How Systemic  
Diseases Shapes Cognitive Aging

*Irina Alafuzoff (Uppsala, Sweden)*

February 7<sup>th</sup>

A Network Psychometric Approach to  
Neurocognition in Neurodegenerative  
Disorders

*Cameron Ferguson (Cardiff, UK)*

Mapping the Mind: Unveiling  
Neurotransmitter Dynamics with  
Pharmacological fMRI

*Ottavia Dipasquale (London, UK)*

*Annalena Venneri (Parma, Italy)*

Oral Communications

Shaping the Future of Alzheimer's  
Disease Research

*Niklas Mattsson-Carlsson (Lund, Sweden)*

# Educational Workshop

February 6<sup>th</sup>

Lost in Meditation

# Airalz Session

February 7<sup>th</sup>

Cultivating the Next Generation of Brain Researchers