Con il contributo della
Fondazione
Cassa di Risparmio di Padova e Rovigo

Memory and Aging

November, 17 2020
16:00 – 18:00 Italy time
(ET 10-12 am)

16:00 – 16:10   Prof. **Erika Borella**
Welcome and opening remarks

16:10 – 17:00   Prof. **Morris Moscovitch** (University of Toronto)
Schemas, semantics and details in memory as we age

17:00 – 17:50   Dr. **Alexandru D. Iordan** (Unversity of Michigan)
Neural Correlates of Working Memory Training: Brain Imaging Evidence for Plasticity in Older Adults

17:50 – 18:00   Prof. **Matthias Kliegel**
Closing remarks

ZOOM LINK:
 https://unipd.zoom.us/j/86794758932?pwd=dERrdFl0akJpL1o4VDQyU21EZllrdz09

SHORT ABSTRACTS

Moscovitch's talk
It is well-known that as we age, our memory for gist is relatively well-preserved, but memory for details suffers. I will present studies on spatial and event memory to support this idea and indicate how these aspects of memory interact at both the psychological and neural level.

Iordan's talk
Aging brings cognitive decline and alters the ability to optimally recruit task-relevant brain regions. Using an intervention framework (i.e., training study), I will present evidence showing that: (1) Brain activity can change with WM training in older adults, in a direction consistent with improved neural efficiency; (2) Age-related differences in functional connectivity are reliable and may predict outcomes of WM training in older adults; (3) While younger adults increase network segregation with training, older adults persist in, and potentially amplify, a more integrated and costly global workspace, suggesting different age-related trajectories in functional network reorganization with WM training.

Organizers:
- Erika Borella, Patrizia Bisiacchi, Giorgia Cona, Giovanna Mioni – Department of General Psychology, University of Padova, Italy.
- Matthias Kliegel - Faculty of Psychology and Educational Sciences, University of Geneva, Switzerland.

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