



Premio Nobel per la **MEDICINA** a John O'Keefe, May-Britt Moser ed Edvard Moser per **"le loro scoperte sulle cellule costituenti il sistema di posizionamento nel cervello"**

3 novembre 2014

Relatore: *Giorgio Vallortigara*, Centro Interdipartimentale  
Mente/Cervello- CIMEC

### Breve bibliografia sui temi dell'incontro

**Panciera N., Vallortigara G.**, *Cervelli che contano*, Adelphi, 2014

**Andrew R. J., Rogers L. J., Vallortigara G.**, *Divided Brains: The Biology and Behaviour of Brain Asymmetries*, Cambridge University press, 2013

**Vallortigara G.**, *La mente che scodinzola: storie di animali e cervelli*, Mondadori Università, 2011

**Giroto V., Pievani T., Vallortigara G.**, *Nati per credere. Perché il nostro cervello sembra predisposto a fraintendere la teoria di Darwin*, Codice editore, 2008

**Andersen P., Morris E., O'Keefe J. (ed.)**, *The Hippocampus book*, Oxford University press, 2006  
**Vallortigara G.**, *Cervello di gallina. Visite (guidate) tra etologia e neuroscienze*, Bollati Boringhieri, 2005

**Burgess N., Jeffery K.J., O'Keefe, J.**, *The Hippocampal and Parietal Foundations of Spatial Cognition*, Oxford University press, 1999

**Vallortigara, G.**, *L'evoluzione della lateralizzazione cerebrale*, CLEUP, 1994

**Burgess N., Becker S., King John A. and O'Keefe J.**, *Memory for events and their spatial context: Models and Experiments in Episodic memory: New directions in research*, Oxford University Press, 2002

**O'Keefe J., Burgess, N., Donnett J. G., Jeffery, K. J., Maguire E. A.**, *Place cells, navigational accuracy, and the human hippocampus* in *Attention, space, and action: Studies in cognitive Neuroscience*, Oxford University Press, 1999

**O'Keefe J.**, *Kant and the sea-horse: An essay in the neurophilosophy of space*, in *Spatial representation: Problems in philosophy and psychology*, Oxford University press, 1999

**O'Keefe, J.**, *The hippocampal cognitive map and navigational strategies* in *Brain and space*, Oxford University Press, 1991

**O'Keefe, J.**, *Computations the hippocampus might perform*, in "Neural connections, mental computations", The MIT Press, 1992

**Moser E., Roudi Y., Witter M., Moser, M.B.**, *Grid cells and cortical representation* in "Nature Reviews Neuroscience", 15,466–481, 2014



**Abbott. A.**, *Brains of Norway: Nobel prizewinners May-Britt Moser and Edvard Moser have spent a career together near the arctic circle exploring how our brains know where we are*, in "Nature". Oct 9, 2014, Vol. 514 Issue 7521, p154, 4 p.

**Bjerknes T. L.; Moser E. I.; Moser, M.-B.**, *Representation of Geometric Borders in the Developing Rat*, In "Neuron". April 2, 2014, Vol. 82 Issue 1, p71, 8 p