

- a FENS activity in partnership with The Brain Prize -

The Brain in Focus: New Approaches to Imaging Neurons and Neural Circuits

17-20 April 2016

Rungstedgaard - North Copenhagen, Denmark

Co-Chairs: Valentina Emiliani & Karel Svoboda

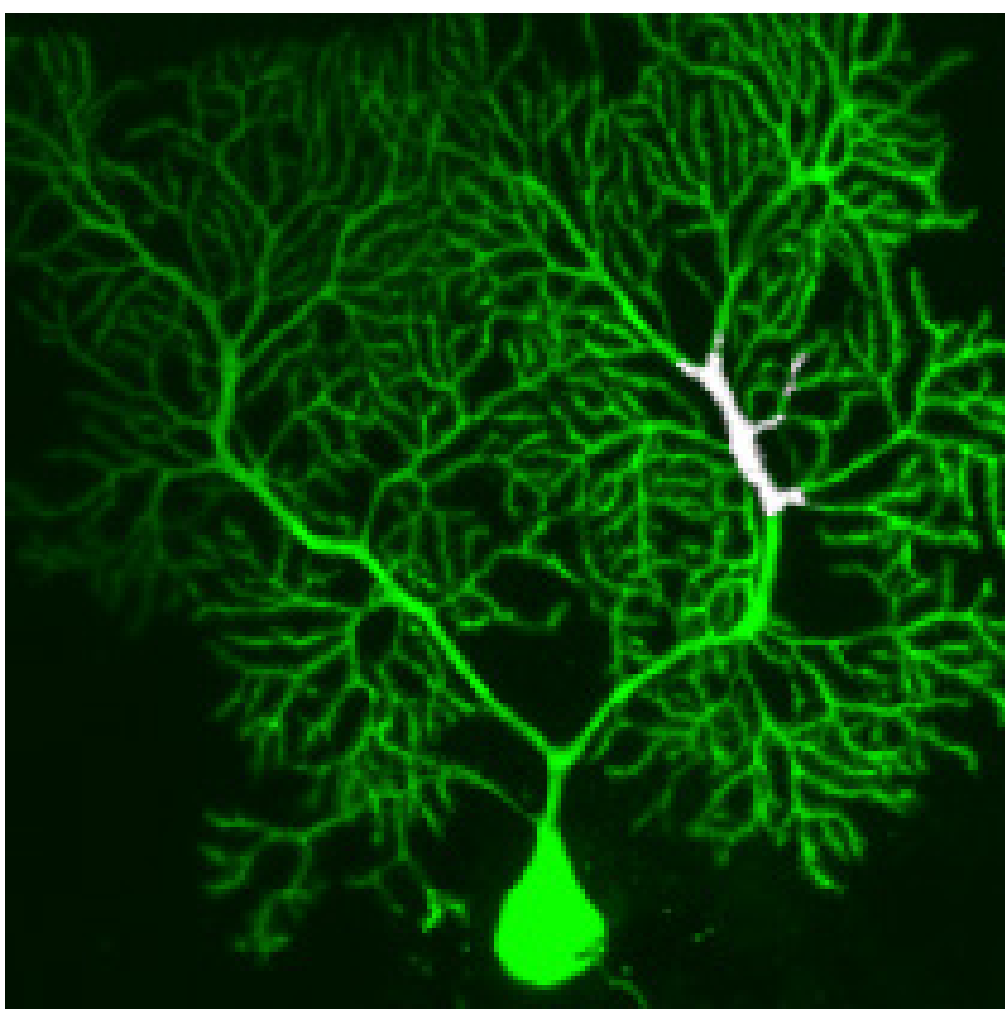


Photo left: Holographic shaped pattern for the stimulation of a dendritic segment

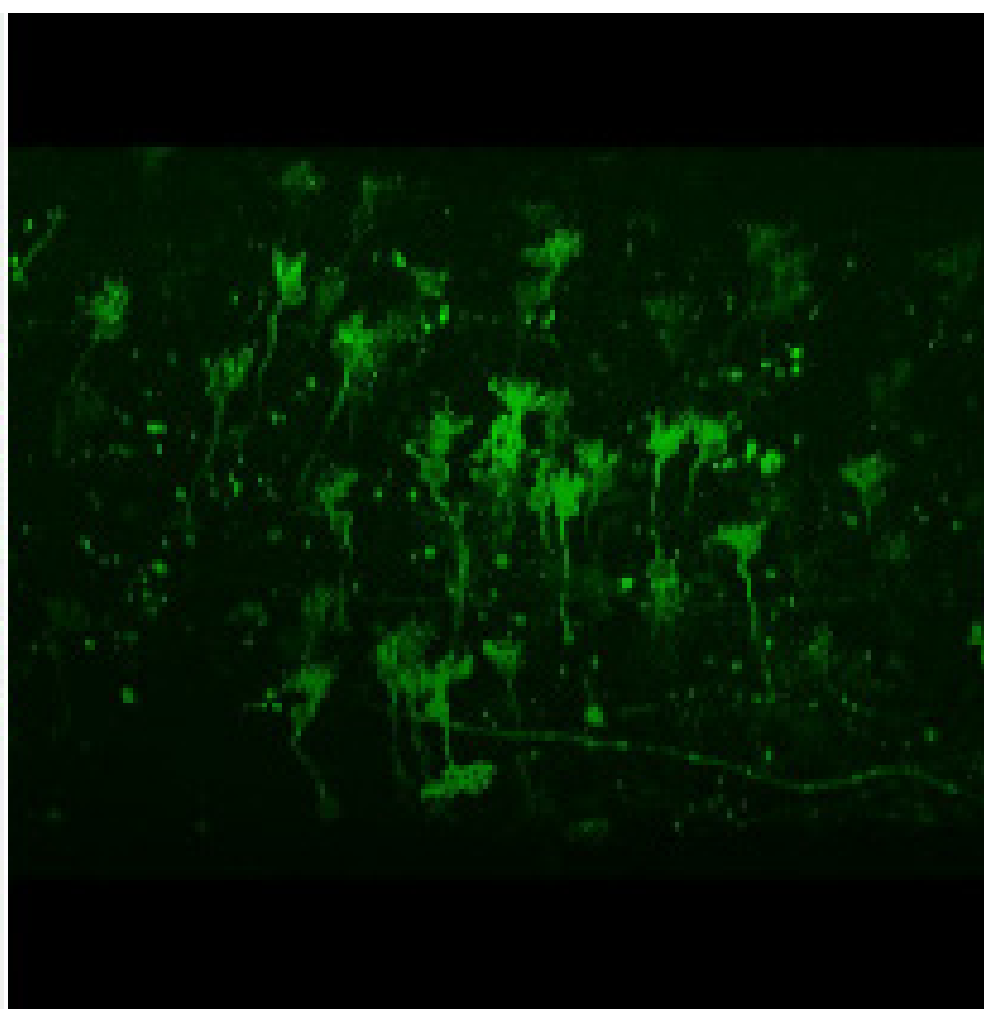


Photo right: Two photon 3D reconstruction of the retina bipolar layer

Speakers:

McLean Bolton
Edward Boyden
Eugenia Chiappe
Forrest Collman
Valentina Emiliani
Fritjof Helmchen
Elizabeth M.C. Hillman

Sonia Hofer
Na Ji
Ori Katz
Georg B. Keller
Jason Kerr
Judit Makara
Timothy H. Murphy

Valentin Nagerl
Michael Orger
Eirini Papagiakoumou
Serge Picaud
Nathalie Rochefort
Or Shemes
Angus Silver

Karel Svoboda
Alipasha Vaziri
Yingmin Wang
Claire Wyart
Chris Xu
Ryohei Yasuda

Recent advances in optical microscopy have transformed neuroscience, providing an unprecedented view of the structure and function of neural systems. This conference will explore current developments in microscopy and related biophysical and computational methods for measuring and controlling the nervous system, from molecules to entire neural circuits.

Early registration deadline: **20 January 2016**
Regular registration deadline: **10 February 2016**

Contact: brain@fens.org



Meetings

Some of the abstracts will be selected for short talk presentations. All participants will have the opportunity to present their work at one of the poster sessions.

www.thebrainconferences.org