

The European Future Agenda For Large Scale Synapse Research

- 16:45 p.m. *Nils Brose*
The EUROSPIN initiative
- 17:00 p.m. *Guus Smit*
The SYNSYS initiative
- 17:15 p.m. *Sasha Jenko & Patrizia Tassoti*
The EU Future Agenda For Synapse Research
- 17:30 p.m. Key Note lecture: *REINHARD JAHN*
- 18:30 p.m. **Poster session & drinks**

SATURDAY JULY 3RD

SESSION VI Priming, Docking, Fusion and Recycling

- 09:00 a.m. *Guillermo Alvarez de Toledo*
The role of synaptotagmin in flickering fusion
- 09:35 a.m. Short Talk VI
- 09:55 a.m. *Janet Richmond*
The role of tomosyn in the regulation of synaptic transmission: from worms to flies
- 10:30 a.m. *Jakob Sørensen*
An intermediate SNARE-complex conformation controls both evoked and spontaneous neurotransmission
- 11:05 a.m. Short Talk VII
- 11:25 a.m. *Alan Morgan*
The function of cysteine string protein in *Caenorhabditis elegans*
- 12:00 a.m. *Patrick Verstreken*
Forward genetic screens for novel genes that regulate neurotransmitter release
- 12.35 a.m. **Transport to FENS main meeting site (please register!)**



Program

The Synapse Symposium Satellite Meeting FENS FORUM 2010

1st to 3rd July 2010

NEMO Amsterdam / The Netherlands



SYNSYS

THURSDAY JULY 1ST

- 12:00 a.m. Registration Desk
12:45 a.m. M. Verhage: Welcome

SESSION I Synaptic receptors and channels

- 13:00 p.m. *Jean-Antoine Girault*
Glutamate and dopamine crosstalk in the striatum:
new tricks from old players
- 13:35 p.m. *Valérie Crepel*
Impact of aberrant kainatergic synapses on
pathophysiological activities in chronic epilepsy
- 14:10 p.m. *Jean-Louis Bessereau*
Spatial control of synaptic transmission at a cholin-
ergic synapse in *C. elegans*
- 14:45 p.m. Short Talk I

SESSION II Synaptic circuits and plasticity

- 15:05 p.m. *Zoltan Nusser*
Olfactory bulb microcircuit; cell types, projections,
synaptic connectivity
- 15:40 p.m. *Hannah Monyer*
Genetic modification of interneuron activity and their
role in hippocampus-dependent cognitive functions
- 16:15 p.m. **Tea break**
- 16:50 p.m. *Nicolas Le Novère*
Regulation of synaptic plasticity by cooperative
calcium sensors
- 17:20 p.m. Short Talk II
- 17:40 p.m. Short Talk III
- 18:00 p.m. **Poster session & drinks**

FRIDAY JULY 2ND

SESSION III Spine and PSD dynamics

- 09:00 a.m. *Casper Hoogenraad*
Imaging neuronal cargo trafficking: dynein steers
AMPA receptor transport into dendrites
- 09:35 a.m. *Jeremy Henley*
Receptor trafficking, protein modification and
synaptic dynamics
- 10:10 a.m. *Peter Seeburg*
Novel AMPA receptor interactor modulating short-
term plasticity in hippocampal circuits
- 10:45 a.m. **Coffee break**
- 11:05 a.m. Short Talk IV
- 11:25 a.m. *Seth Grant*
Synapse complexity: origins and functions
- 12:00 a.m. **Lunch Break and Posters**

SESSION IV Synapse formation and connectivity

- 13:00 p.m. Short Talk V
- 13:20 p.m. *Michaela Matteoli*
From filopodia to synapses: the cell biology of
neuronal wiring
- 13:55 p.m. *Amparo Acker-Palmer*
EphrinB reverse signalling at the synapse
- 14:30 p.m. *Olivier Thoumine*
Neurexin/neuroligin adhesions trigger functional
post-synapse assembly by a diffusion/trap
mechanism
- 15:05 p.m. *Frederique Varoqueaux*
tba
- 15:40 p.m. **Tea break**
- 16:10 p.m. *Noam Ziv*
Synaptic tenacity: insights from live imaging
experiments