

AMIE symposium: Optical and Chemical modulation of brain networks.

DATE: Tuesday January 16, 2018
TIME: 8:30 – 15:00
LOCATION: Het Pand, Onderbergen 1, Gent
REGISTRATION: <https://goo.gl/forms/S7v5NnBKtA48JvGx2>

- 8:30 Opening, **Prof. Paul Boon**
- 8:40 *Locus coeruleus resets cortical and hippocampal oscillations for cognitive flexibility.*
Prof. Susan Sara, College de France, Paris, France
- 9:20 *Opto- and chemo-genetic activation of locus coeruleus modules to investigate pain and negative affect in rats.*
Prof. Tony Pickering, Bristol University, UK
- 10:00 Coffee
- 10:30 *Data Blitz Sessions by PhD students*
- 11:20 *Optical control of pain using photoswitchable metabotropic glutamate receptor ligands.*
Prof. Cyril Goudet, Université de Montpellier, France
- 12:00 *Optical control of parkinsonism using a photoactive adenosine A2A receptor antagonist.*
Prof. Francisco Ciruela Alferez, Universitat de Barcelona, Spain
- 12:40 Lunch
- 13:30 *Cellular and network mechanisms of high-frequency oscillations - challenges for optogenetics.*
Prof. Premysl Jiruska, Czech Academy of Sciences, Prague, Czech Republic
- 14:10 *Chemo and optogenetic suppression of epileptic seizures.*
Prof. Merab Kokaia, Lund University, Sweden
- 14:50 Closing, **Prof. Ilse Smolders**

