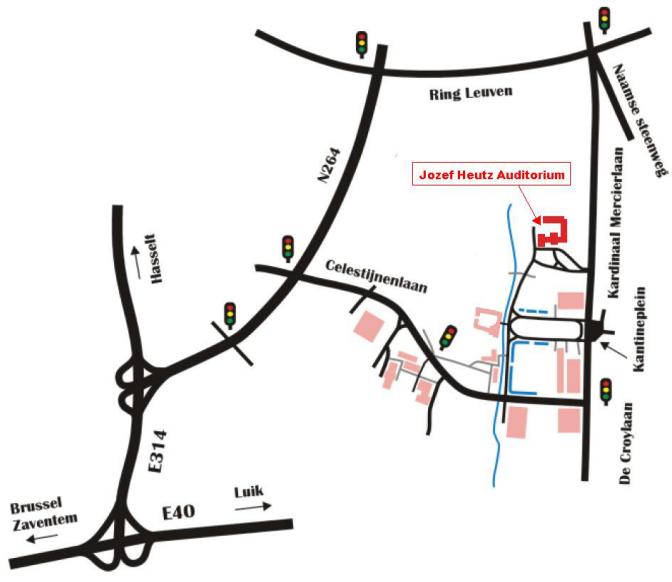


Friday, June 7th 2013

- location -

Landbouwinstituut Hoofdgebouw
Kasteelpark Arenberg 20
3001, Leuven
Jozef Heutz Auditorium



- contact-

acaicedo@esat.kuleuven.be

Please confirm your presence by e-mail

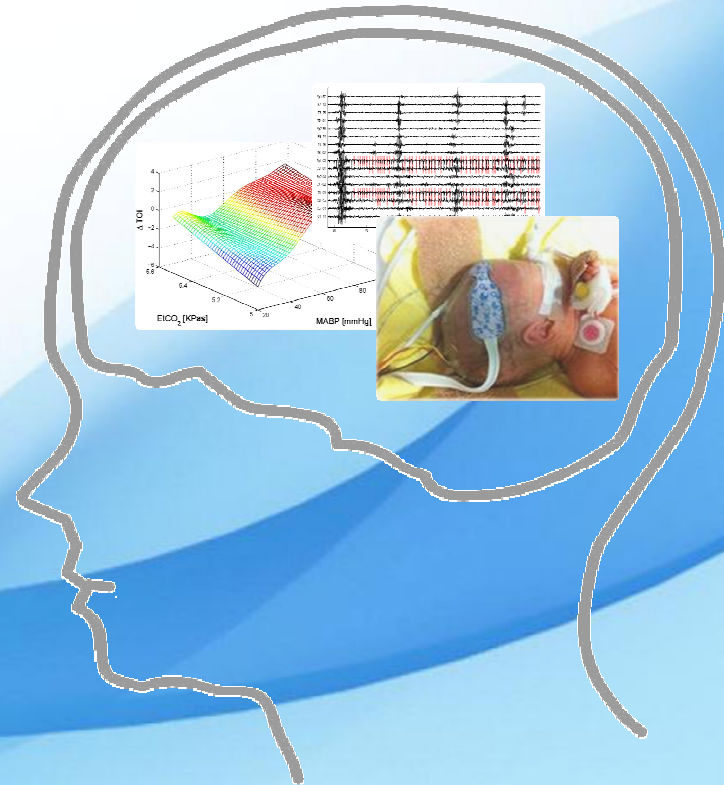
before May 24, 2013

Specifying your participation to:

**Symposium
Sandwich lunch
PhD defense
Reception**

Advances in Neonatal Brain Monitoring

*Symposium and PhD defense
of Alexander Caicedo*



Friday, 7th June 2013
Kasteelpark Arenberg 20
3001, Leuven, Belgium.

10:30 - 10:40
Registration and Welcome



10:40 - 11:00
Prof. Sabine Van Huffel and Prof. Gunnar Naulaers
Introduction to Neonatal Brain Monitoring: Why?
How?



11:00 - 11:30
Ir. Hans De Clercq
Wearable Electronics for Signal Acquisition at the
Neonatal Intensive Care Unit



11:30 - 12:00
Prof. Martin Wolf
How to Measure Oxygenation by Near Infrared
Spectroscopy (NIRS)?

12:00 - 12:30
Dr. Ilias Tachtsidis
Non-Invasive In-Vivo Brain Biomarkers in Perinatal
Hypoxia-Ischaemia



12:30 - 13:00
Prof. Frank van Bel
NIRS-monitored Cerebral Oxygenation: Clinical
Application in the Neonate



13:00 - 14:00
Lunch Break



14:00 - 16:30
Alexander Caicedo
Signal Processing for Monitoring Cerebral
Hemodynamics in Neonates
-PhD Defense-



16:30 - 18:00
Reception

PhD was lead by:
Prof. Dr. Sabine van Huffel
Prof. Dr. Gunnar Naulaers