

# Symposium on ADVANCES IN PERINATAL MONITORING

Wednesday April 24, 2013

Venue: TU Eindhoven, Zwarte Doos

**P**erinatology is the medical field that is concerned with the health of mother and child before, during and after birth. Recent decades have seen important advances in perinatal monitoring technology, aimed e.g. at early detection of fetal asphyxia and impending premature birth, assessing fetal condition during delivery, assessing neonatal cerebral autoregulation status, and improving neonatal comfort. This symposium provides a survey of the state of the art and trends in this field, both from a technological and from a clinical perspective. The symposium serves also to honor Prof. Sabine Van Huffel, one of the leading specialists in perinatal monitoring, on the occasion of the award of her honorary doctorate by Eindhoven University of Technology.

**T**ogether with the symposium there will be an exhibition with scientific posters and real-life demonstrations (e.g. a smart neonatal mattress and jacket, serious obstetric game, electrophysiological pregnancy monitoring).

Real-life demonstrations & presentations



## Program

- 12.45 Coffee, tea
- 13.15 Welcome,  
*Prof.dr.ir. C.J. van Duijn (rector magnificus TU/e)*
- 13.20 Trends in pregnancy monitoring,  
*Prof.dr. S.G. Oei (Máxima Medical Center and TU/e)*
- 13.50 Electrophysiological Uterine monitoring,  
*Dr.ir. C. Rabotti (TU/e)*
- 14.10 Electrophysiological Fetal monitoring,  
*Dr.ir. R. Vullings (TU/e)*
- 14.30 The effect of neonatal monitoring on the clinical care in the NICU,  
*Prof.dr. G. Naulaers (KU Leuven)*
- 15.00 Break
- 15.30 Industrial prospects in neonatal monitoring: less is more,  
*Dr.ir. M.I. van Lieshout (Philips Research)*
- 16.00 Why do we need unobtrusive monitoring for preterm infants?  
*Prof.dr. S. Bambang Oetomo (Máxima Medical Center and TU/e)*
- 16.30 Neonatal brain monitoring,  
*Prof.dr.ir. S. Van Huffel (KU Leuven)*
- 17.30 Closing and drinks

Admission to this symposium is free of charge if you register before Friday April 5, 2013 at [www.symposiumperinatologie.nl](http://www.symposiumperinatologie.nl). At this web site you can also find more information about the symposium and speakers.