

# **BIOMED Workshop on Advanced signal processing for monitoring of epileptic patients 22. 05. 2014.**

**Department of Electrical Engineering - ESAT 00.62, 13:00-16:00**

## **Program:**

**13:00 – 13:35** Anouk Van de Vel :: Clinical signs and consequences of motor seizures

**13:35 – 14:10** Pieter Buteneers, PhD :: Epileptic Seizure Detection: the Reservoir Computing Approach

**14:10 – 14:35** Milica Milosevic :: Detection of motor seizures in epileptic children

**14:35 – 14:50 coffee break**

**14:50 – 15:15** Carolina Varon :: Detection of epileptic seizures based on cardiorespiratory coupling

**15:15 – 15:40** Thomas De Cooman :: Online seizure detection using ECG in adult TLE patients

**Speaker: Anouk Van de Vel (UZA, Antwerp)**  
**Clinical signs and consequences of motor seizures**

**Speaker: Pieter Buteneers (UGent, Reservoir Lab, Gent)**  
**Epileptic Seizure Detection: the Reservoir Computing Approach**

**Speaker: Milica Milosevic (KU Leuven, ESAT-STADIUS)**  
**Detection of motor seizures in epileptic children**

**Speaker: Carolina Varon (KU Leuven, ESAT-STADIUS)**  
**Detection of epileptic seizures based on cardiorespiratory coupling**

**Speaker: Thomas De Cooman (KU Leuven, ESAT-STADIUS)**  
**Online seizure detection using ECG in adult TLE patients**