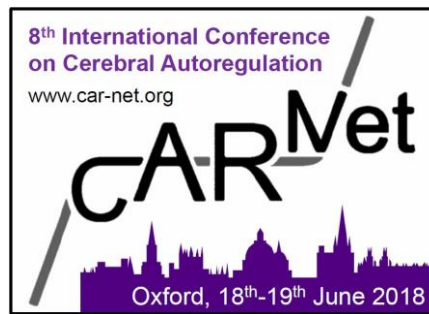




## POSTER PRESENTATION LIST

### Monday 18th June 2018

- 2018-005 ANTUNES Correction of oxygen-induced variations in rSO<sub>2</sub> for autoregulation monitoring
- 2018-002 BEISHON The assessment of neurovascular coupling in cognitive impairment: a functional TCD study
- 2018-008 BELLO Multivariate modelling of cerebral autoregulation using lumped parameters and genetic algorithms
- 2018-009 BEQIRI Autoregulation oriented therapy multicenter trial (COGITATE)
- 2018-040 BORCHARDT Blood flow and CSF interactions in physiological frequencies in the human brain
- 2018-053 CALDAS Dynamic cerebral autoregulation during sub-maximal handgrip in patients with heart failure
- 2018-028 CHACON Complexity-entropy plane: a new approach for assessment of cerebral autoregulation from haemodynamic spontaneous fluctuations
- 2018-043 FAVRE Reproducibility of Transfer Function Indices of Cerebral Autoregulation during Spontaneous and Induced Pressure Fluctuations
- 2018-033 KAREMAKER A simple method to quantify cerebral autoregulation
- 2018-011 KURAZUMI The effects of mild intravascular dehydration on intracranial pressure and cerebral circulation
- 2018-037 MAXWELL The impact of acute remote ischaemic preconditioning on cerebrovascular function
- 2018-029 MILANOVIC A new model of cerebral autoregulation based on tissue oxygenation levels
- 2018-025 NOGUEIRA Temporal evolution and clinical impact of cerebral hemodynamic parameters after ischemic stroke submitted to thrombolytic therapy
- 2018-019 PETKUS Non-Invasive Cerebrovascular Autoregulation Monitoring in Hemodialysis Patients: Pilot Study
- 2018-032 PUPPO Cerebral autoregulation in septic patients
- 2018-058 RAHIMALY Changes in middle cerebral artery mean blood velocity during incremental aerobic exercise are similar between healthy active men and women
- 2018-017 RUSSELL-BUCKLAND WeBCMD: A web-based, cross-platform interface for implementation of the Brain/Circulation Model Developer (BCMD) systems biology framework
- 2018-048 ZIENKIEWICZ Cardiovascular system and brain monitoring during sauna



## POSTER PRESENTATION LIST

**Tuesday 19th June 2018**

- 2018-012 ALDEA The cerebrovascular smooth muscle cells as the drivers of lymphatic drainage of the brain
- 2018-027 BEISHON Neurovascular coupling response to the Addenbrooke's cognitive examination in mild cognitive impairment: a multivariate analysis
- 2018-026 DABLANDER Multivariate network analysis of cerebral and systemic variables for assessment of brain injury in newborns with hypoxic-ischaemic encephalopathy.
- 2018-046 DE VRIES Investigating the effect of blood pressure on brain tissue pulsations
- 2018-057 DRAPEAU The cerebral pressure-flow relationship is similar in the middle and posterior cerebral arteries in response to a sit-to-stand in healthy active women
- 2018-052 DUARTE Implementing, validating and comparing the transfer function method for cerebral autoregulation analysis
- 2018-059 IMHOFF Cerebral pressure-flow relationship in response to a sit-to-stand in individuals with post-concussion syndrome
- 2018-022 JARA Can entropy and complexity measures detect changes in cerebral autoregulation? A preliminary study in stroke patients and healthy subjects
- 2018-044 KATSOGRIDAKIS A new index for tracking the time varying characteristics of dynamic cerebral autoregulation
- 2018-034 LALOU Cerebral autoregulation, resistance to CSF outflow and outcome after neurosurgical intervention in adults with normal pressure hydrocephalus.
- 2018-014 LIU Insights into Current Practice of using External Ventricular Drainage System to Monitor Intracranial Pressure
- 2018-015 LIU Phase-amplitude coupling between electrophysiological and cerebral blood flow velocity
- 2018-016 LIU Real-Time Assessment of Verapamil Treatment for Cerebral Vasospasm using a Advanced ICP Signal Processing algorithm
- 2018-023 LLWYD Cerebrovascular Effects of Remote Ischaemic Conditioning in Combination with Thigh Cuff Manoeuvre
- 2018-036 OLIVEIRA Cerebral autoregulation and intracranial hypertension: a systematic review and meta-analysis
- 2018-030 PATRICK Differences in Neurovascular Coupling between healthy younger and older adults with a focus on Alzheimer's disease
- 2018-041 SIMPSON Cardio- and cerebrovascular responses to the squat-stand manoeuvre
- 2018-055 XIONG Correlation of Impaired Dynamic Cerebral Autoregulation with Autonomic Dysfunction in Patients with Acute Ischemic Stroke