

# Save the date

We are pleased to announce that

## **The Fifth International Meeting on Cerebral Haemodynamic Regulation (CARNet meeting)**

will be held in Southampton, UK, from 13-15 July, 2015.

The meeting will cover the broad range of regulatory physiological mechanisms that maintain brain bloodflow at appropriate levels in health and disease, and will include physiology, clinical applications and the engineering, physics and modelling that underpins mechanisms and measurements.

The conference is organised by the Cerebral Autoregulation Research Network (CARNet <http://www.car-net.org/>), an international multidisciplinary network including now over 100 scientists worldwide. Cerebral blood flow is driven by blood pressure, arterial carbon dioxide levels, neuronal activation and cerebral metabolism, intracranial pressure, vasomotion, activity of the sympathetic nervous system, posture and other determinants. While cerebral autoregulation usually refers primarily to the physiological mechanisms that maintain blood flow during changes in blood pressure, the meeting will encompass the wider field of cerebral haemodynamic regulation, including areas such as CO<sub>2</sub> reactivity, neurovascular coupling and intracranial pressure control.

The conference will be held in Chilworth Manor Hotel (<http://www.chilworth-manor.co.uk/>), a country hotel in a beautiful setting in a private park on the edge of Southampton.



### Important Dates (to be confirmed)

First call for papers: 21 November, 2015

Abstract submission deadline: 23 March, 2015

Acceptance of papers: 1 May, 2015

Conference: 13-14 July, 2015

Working meetings: 15 July, 2015

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