

## SEMINARIO / SEMINAR

**Titolo / Title:**

**Mapping brain oxygen metabolism with MRI: emerging methods**

**Quando / When:**

28 Giugno 2023, ore 11:00 / 28<sup>th</sup> June 2023 at 11:00 CET

**Dove / Where: Aula Volta, ITAB**

**Relatore / Speaker:**

**Dr Mike Germuska PhD**, Senior Lecturer, Department of Physics and Astronomy and Cardiff University Brain Research Imaging Centre, Cardiff University. UK

**Abstract:**

A continuation of the seminar presentations by Dr. Germuska on the methods and applications of MRI for mapping of cerebral metabolism. This seminar will focus on emerging methods for physiological MRI including breath-hold calibrated fMRI for absolute CMRO<sub>2</sub>, Fourier Transform Velocity Selective Inversion Arterial Spin labelling and deuterium labelled glucose spectroscopy.

