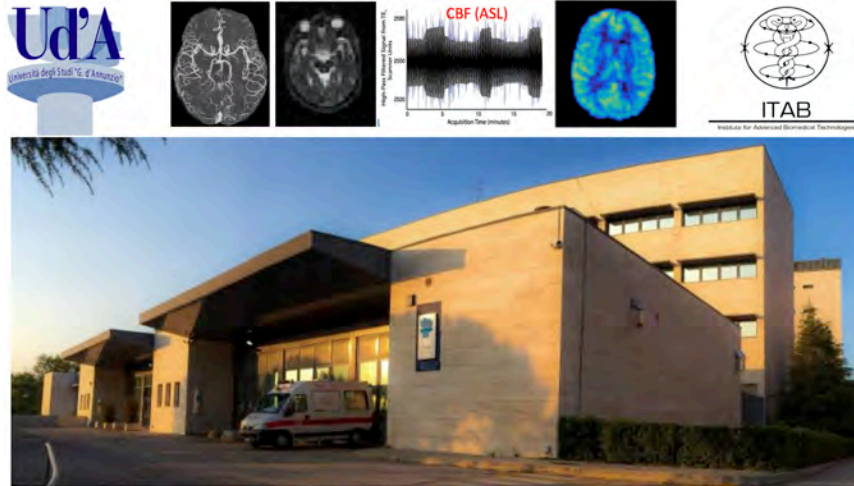


# Institute for Advanced Biomedical Technologies

## Two post-doctoral positions in MRI methods development



The Institute for Advanced Biomedical Technologies (ITAB) (Department of Neuroscience, Imaging and Clinical Sciences, University of Chieti – Pescara) in Abruzzo (Italy), is in an exciting phase of growth thanks to a recent national award for research excellence in Physics. ITAB is a multi-modal neuroimaging research centre equipped with 3T MRI, MEG, EEG, infra-red imaging, brain stimulation techniques, NIRS and computing facilities. It is now expanding its MRI research capability with the installation of a new research-focused 3T MRI system in 2020.

ITAB seeks two highly motivated post-doctoral researchers to join its MRI methods development team, working with Prof Richard Wise and colleagues. The positions would suit research physicists, engineers, neuroscientists, (bio)chemists, or computer scientists who would like to apply their skills to developing new MRI methods for the study of the function and structure of the human brain and cardiovascular system. Projects will also involve the application of advanced MRI techniques in health and disease. ITAB benefits from a strong clinical (neuroscience and cardiology) and psychology (clinical psychology and psychiatry) research environment, also facilitated by the public hospital being adjacent to ITAB.

### Requirements:

- A relevant degree and PhD (or near to award of PhD)
- experience of advanced MRI research methods
- strong computing skills & experience of image data analysis for research e.g. Matlab
- excellent writing skills and a strong capacity to drive first author publications.

The duration of each position is 2 years, renewable for a further 2 years. Instructions and forms for applying can be found at:

[http://www.albo-pretorio.it/albo/archivio4\\_atto\\_0\\_351819\\_0\\_3.html](http://www.albo-pretorio.it/albo/archivio4_atto_0_351819_0_3.html)

The relevant vacancies are N10 and N11 of the document “scheda 2 (declaratoria assegni banditi).pdf”

If you are interested in these research opportunities at ITAB and would like to find out more before applying, please contact Professor Richard Wise ([richard.wise@unich.it](mailto:richard.wise@unich.it)) for informal discussions. For more information about ITAB and the Department of Neuroscience, Imaging and Clinical Sciences please visit [www.itab.unich.it](http://www.itab.unich.it) and [www.dni.unich.it](http://www.dni.unich.it).

The closing date for applications is 1200 (CET) on 15<sup>th</sup> February 2020