

## Postdoctoral position in NMR spectroscopy at the University of Edinburgh, School of Chemistry

### SHARPER NMR: fast and accurate analysis of molecules, reactions and processes Prof Dušan Uhrín and Prof Guy Lloyd-Jones

We have recently reported a new 'pure-shift' method, termed 'SHARPER' (*Anal. Chem.* 89 10013–10021 (2017)), designed for the analysis of reactions and equilibria by NMR. Since the inception of the technique we have identified several exciting and potentially transformative new applications of the SHARPER principle across the field of NMR spectroscopy. These form a basis of our three year EPSRC funded research programme that will be carried out using 400-800 MHz and benchtop NMR spectrometers.

Candidates should have demonstrated interest and expertise in a magnetic resonance technique, preferably with knowledge of liquid state NMR spectroscopy, spin-physics, pulse sequence programming and computer assisted interpretation of spectra. Experience with Bruker NMR spectrometers is highly desirable.

The appointment is for 3 years, starting preferably no later than March 1, 2019.

Interested candidates should apply via, [https://www.vacancies.ed.ac.uk/pls/corehrrecruit/erq\\_jobspec\\_version\\_4.jobspec?p\\_id=046285](https://www.vacancies.ed.ac.uk/pls/corehrrecruit/erq_jobspec_version_4.jobspec?p_id=046285) where more details can be found.

Informal enquires should be directed to [dusan.uhrin@ed.ac.uk](mailto:dusan.uhrin@ed.ac.uk) or [guy.lloyd-jones@ed.ac.uk](mailto:guy.lloyd-jones@ed.ac.uk)  
Information about our research can be found at <http://uhringroup.wixsite.com/nmrgroup> and <http://www.lloyd-jones.chem.ed.ac.uk/>

The closing date is January 7, at 5 PM. interviews are expected to be held during the week starting January 14.

