



## Science Foundation Ireland Starting Investigator Research Grant (SIRG)



<b>Duration:</b>	<b>4 years maximum</b>
<b>Funding (incl. PI salary):</b>	<b>€400,000</b>
<b>Location:</b>	<b>Dublin, Ireland</b>
<b>Deadline:</b>	<b>17 August, 2011</b>

The Geophysics Section of the School of Cosmic Physics, Dublin Institute for Advanced Studies, invites strong, transnational, early career stage researchers to apply to Science Foundation Ireland (SFI) for funding under SFI's Starting Investigator Research Grant (SIRG) Programme  
<http://www.sfi.ie/funding/funding-calls/open-calls/sfi-starting-investigator-research-grant-sirg-programme/>

The SIRG Programme provides an opportunity for excellent investigators to carry out independent research in sustainable energy. Under the SIRG funding scheme, scientists who are more than 3 years but less than 8 years since the awarding of their PhD can receive funding for their salary, for a PhD student, and for research costs to a total maximum of €100,000 per annum for up to four years.

The SIRG Starting Investigator (SI) will be twinned with a Mentor in DIAS Geophysics, who will be a co-applicant on the proposal. The Mentor's role is to give advice and provide laboratory space and related infrastructure to both the SI and the postgraduate student. The Mentor will also take the role of co-supervisor for the SIRG postgraduate student; however, it is the SI who will act as the primary supervisor.

DIAS Geophysics Section staff conducts studies of the Earth using electromagnetism, seismology, and potential fields, from the near-surface to deep within the mantle. More information can be found at:  
[http://www.dias.ie/index.php?option=com\\_content&view=category&layout=blog&id=66&Itemid=68&lang=en](http://www.dias.ie/index.php?option=com_content&view=category&layout=blog&id=66&Itemid=68&lang=en)

A current sustainable energy research project within the Section is IRE THERM ([www.iretherm.ie](http://www.iretherm.ie)), which is a four-and-a-half year, all-island, North-South, academic-government-industry collaborative project to develop a strategic and holistic understanding of Ireland's geothermal energy potential through integrated modelling of new and existing geophysical and geological data. Additional activities under IRE THERM are very welcome.

Interested potential applicants are asked first to read all of the information on SFI's website about the SIRG programme, and in particular to ensure that they meet the strict eligibility rules for SIRG grants. Then they should contact (attaching a full CV and an outline of the research proposal following the SIRG guidelines) one of the following, depending on their research interests, for geothermal and other sustainable energy studies:

Professor Alan G. Jones, <a href="mailto:alan@cp.dias.ie">alan@cp.dias.ie</a>	– electromagnetism, EM inversion and joint inversion, petro-physical modelling
Professor Sergei Lebedev, <a href="mailto:sergei@cp.dias.ie">sergei@cp.dias.ie</a>	– broadband array seismology; passive and active-source seismology
Professor Zdenek Martinec, <a href="mailto:zdenek@cp.dias.ie">zdenek@cp.dias.ie</a>	– potential field studies
Dr. Mark Muller, <a href="mailto:mmuller@cp.dias.ie">mmuller@cp.dias.ie</a>	– petro-physical modelling
Professor Brian O'Reilly, <a href="mailto:bor@cp.dias.ie">bor@cp.dias.ie</a>	– marine geology & geophysics; controlled-source seismology

If deemed likely competitive, then together the SIRG SI applicant and the Mentor will develop a proposal that must be submitted to DIAS's Administrative Office well prior to 17<sup>th</sup> August, 2011.