

SU2P Pilot Projects 2010/11
www.SU2P.com
Call for applications

Background

SU2P is a collaboration involving the Universities of Glasgow, St. Andrews, Heriot Watt and Strathclyde in Scotland together with Stanford University and Caltech in the United States.

Principal Aim of the Scheme

The purpose of these Pilot Projects is to develop technologies that have clear commercial potential.

Joint development projects directed towards commercial outcomes

There will be a call for projects at approximately 6-monthly intervals. These projects will be pilot or proof-of-principle exercises that can show clear potential for commercial exploitation, based on objective assessment of IP status and market analyses. It is envisaged that these projects will generally build on existing research programmes and infrastructure. There may be a case for some investment in research infrastructure to promote/realize a commercial outcome.

The pilot projects must be joint and involve a UK and US partner and ideally engage a company from the Industrial Partnership Programme and these could be located in any of the participating laboratories. Projects involving an Industrial Partnership Programme participant will be given higher priority in the assessment.

It is expected that one or two projects will be funded in each 12-month period of the programme.

From interactions at the SPRC Annual Symposium a range of priority research themes has been identified and includes but is not limited to:

- **Renewable energy**, e.g. technology relating to high power lasers/fusion
- **Boundary or cross-over opportunities with life sciences**, e.g. optogenetics and stem cell imaging
- **Lasers / Nonlinear Optics**, especially sensing applications in defence and other growth sectors

Details of the research themes of the working groups of SPRC can be found at:

<http://photonics.stanford.edu/research>.

Details of the SU2P Scottish partners can be found at:

<http://www.su2p.com>

SU2P acknowledges support from Research Councils UK and the Scottish Funding Council for this programme which is delivered in partnership with Scottish Enterprise.

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First Steps

Applicants are advised to contact one of the university partners in the first instance to discuss potential projects:

University of Glasgow:

Dr Sara Diegoli
Dept Physics and Astronomy
University of Glasgow
Glasgow G128QQ
Tel: +44 (0)141 330 2258
Email s.diegoli@physics.gla.ac.uk
<http://www.gla.ac.uk/departments/physics/research/>

Heriot-Watt University:

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<http://www.che.hw.ac.uk/laser/index.htm>

University of St Andrews:

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e-mail: ws@st-and.ac.uk
<http://www.st-andrews.ac.uk/~wsquad/>

University of Strathclyde:

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Tel: +44 (0) 141 553 4120
e-mail: d.burns@strath.ac.uk
<http://www.strath.ac.uk/Departments//Photonics/welcome.html>

Stanford University:

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Eligibility

This programme is open to any researcher (PDRA or academic/research staff) employed by the partner institutions wishing to commercialize his/her technology.

The application must involve a trans-Atlantic aspect and company participation (from one of SU2P's Industrial Partnership Programme) is encouraged.

The application should have the agreement of the Technology Transfer Offices (TTOs) or equivalent of both institutions.

The TTOs must confirm that a fair market terms license will be offered to the applicant to any background and foreground IP that would be necessary to realize a commercial outcome.

Funding

A total of around 2 projects per year are anticipated and the maximum contribution from SU2P to of any one project will be £40,000. Projects are expected to last no more than 6 months. The applicants will be expected to make significant cash/in-kind contributions to the project.

Funds may be used to cover:

- Demonstrator/Prototype development
- Sub-contract costs
- Consumables
- Equipment
- Staff time costs
- Market assessment
- Travel & Subsistence
- Professional fees

Assessment

Applications will be judged on:

- Likelihood of leading to evidence for significant economic potential
- Alignment with the priority topics
- Quality of the research on which the project is based
- Contributions from partner organisations

Applications Procedure

Applications must be completed on the form provided. Completed applications should be sent electronically to pilots@SU2P.com by the **1st of September 2010**.

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Applications Timetable

- Call announced April 2010
- Applications deadline 1st September 2010
- Announcement of winners at the Stanford Symposium 13th to 15th September 2010

Projects should be scheduled to commence 16th September 2010 onwards and no later than 1st February 2011

Further information

Any further updates will be posted on www.SU2P.com and click on the projects tab.

Queries to pilots@SU2P.com