STFC
KNOWLEDGE EXCHANGE
FUNDING

Dr Rachael Jack

External Knowledge Exchange
Programme Manager

Laser Applications of Adaptive Optics
9 September 2009
Our Aim

- To support the flow of knowledge to and from STFC funded research
- Access industry & other academic disciplines
- Support developments leading towards commercialisation
- Support entrepreneurial activity in our community
- Support UK academic and industrial leadership in the STFC programme through Programme Technology Development
Need for Knowledge Exchange Support

Bridging the Valley of Death

Funds

Market readiness

FoF, RSE Fellowship, Mini IPS, IPS, KTP
PPARC and CCLRC were merged in 2007 to form the STFC

The **STFC Innovations Directorate** serves both communities

It combines the PPARC **TEG** group which ran technology grants for university based groups and **CLIK** the technology exploitation group of the CCLRC

**CLIK** is now **STFC Innovations Ltd**

Scientists working on projects funded by STFC research grants funding.

These can be working at universities or the facilities
Funding Opportunities

- Knowledge Transfer Partnerships
- Follow on Funding
- RSE Enterprise Fellowships
- IPS
- IPS Fellowships
- Challenge led schemes
Company/knowledge base (KB) collaborations

- 1 to 3 years

- Employ a KTP Associate to work in a company under the supervision of the KB partner

- 10\% of time on personal professional development

- Travel costs and some equipment also covered
Knowledge Transfer Partnerships

Follow on Funding

RSE Enterprise Fellowships

IPS

IPS Fellowships

Challenge led schemes
Follow on Funding

To

- Establish commercial feasibility and scientific and technical merit.
- Undertake further scientific and technical development of an idea
- Improve an intellectual property (IP) position
- Gain further information about the market for the new products or process
- Identify potential licensees or opportunities for joint ventures
- Not in partnership with industry
- Facilities staff are funded through the PoC fund
Follow on Funding

- Duration up to 12 months
- Projects up to £110K
  (80% of fEC supported by the STFC)
- Quarterly closing dates
  January, April, July, October
➢ Knowledge Transfer Partnerships

➢ Follow on Funding

➢ RSE Enterprise Fellowships

➢ IPS

➢ IPS Fellowships

➢ Challenge led schemes
RSE Enterprise fellowships

Support to commercialise any STFC funded research

- A year’s salary to develop your commercial proposition
- Business training to help you to prepare a viable business plan
- Access to networks of mentors, business experts and professional advisors

THE ROYAL SOCIETY OF EDINBURGH Fellowships
Funding Opportunities

- Knowledge Transfer Partnerships
- Follow on Funding
- RSE Enterprise Fellowships
- **IPS**
- IPS Fellowships
- Challenge led schemes
Fundable activities include

- Collaboration
  - With industry
  - With another academic discipline

- Exchange or secondment

- Prototyping/Feasibility studies
• IPS Registered for State Aids
  ➢ To mitigate the risk to the industrial partner

• STFC funded research groups as the source of knowledge
## IPS Options

<table>
<thead>
<tr>
<th>PROJETS</th>
<th>IPS ACADEMIC / INDUSTRY</th>
<th>IPS ACADEMIC / ACADEMIC</th>
<th>MINI-IPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eligibility of non STFC organisations</td>
<td>Industry as supporter or co-recipient</td>
<td>Academic groups not funded by the STFC as supporter or co-recipient</td>
<td>Industry and/or academic groups not funded by the STFC as supporter or co-recipient</td>
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<tr>
<td>Maximum duration</td>
<td>36 months</td>
<td>36 months</td>
<td>12 months</td>
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<tr>
<td>Maximum project values</td>
<td>£450K</td>
<td>£450K</td>
<td>£150K</td>
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<tr>
<td>Maximum %</td>
<td>80 % Full economic cost STFC or academic partner % contribution to industry dependent on size of business</td>
<td></td>
<td></td>
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<tr>
<td>Maximum STFC contribution</td>
<td>£360K</td>
<td>£360K</td>
<td>£120K</td>
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</tbody>
</table>
Funding Opportunities

- Knowledge Transfer Partnerships
- Follow on Funding
- RSE Enterprise Fellowships
- IPS
  - IPS Fellowships
- Challenge led schemes
IPS Fellowships

- Not a research fellowship
- Duration – up to 48 months
- Host institution eligible for STFC grant funding
- Funding Partner(s) contribute 50% of costs
- Promoting Commercial Exploitation
- Quarterly closing dates
IPS Fellowships

- Transferring technologies to other academic disciplines
- Transferring technologies to industry
- Developing capacity for knowledge transfer
- Encouraging the development of technologies required for the STFC science programme
Challenge lead calls

- Bio-Mini IPS
  - 2007 with BBSRC

- Defence and Security IPS
  - 2007 with DSTL

- PNPAS/CLASP
  - Energy Medical or Security sectors
The range of funding

Technical readiness

Academia

Industrial interaction

Industry

Mini IPS

IPS Fellow

IPS

Mini IPS

KTP
RCUK Business plan competition 2010

- For researchers with ideas that have commercial potential
- Offers expert trainers, coaches and mentors
- Provides skills, knowledge and support to develop a first-rate business plan
- A one page summary of the business concept is needed by 4th December 2009

http://www.rcuk.ac.uk/innovation/fundingkt/bpc/default.htm
Further Help

External programmes
Knowledge Exchange Team

Penny Woodman, Head of Programmes  Innovations Relationship Managers:
Major S. Chahal

Rachael Jack, Programme Manager  Julie Bellingham