



Science & Technology  
Facilities Council



# Advanced Computing for Accelerators

## STFC Knowledge Exchange Funding

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**External Innovations**

Science and Technology Facilities Council

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## **External Innovation Programme Programmes Directorate**

- **Manage Knowledge Exchange (KE) grants**
- **Organise events to increase collaborations (Innovations Club)**
- **Manage collaboration with industry**
  - Interface between the RIs such as CERN, ESRF, ILL and the UK companies to help them to tender for contracts from these facilities
  - For Research Infrastructures (EuroFEL)



*Using the STFC programme base, we support UK academic and industrial leadership through precompetitive technology development by providing funding to plug the gap between fundamental research and commercial technology for the UK economy*

## **Our focus:**

### **To transfer knowledge to diverse technologies:**

- ☑ Through industry & interdisciplinary collaborative research leading towards commercialisation
- ☑ By supporting entrepreneurial activity in our community



## Funding available for STFC KE

Eligibility;

Scientists working on research projects funded by STFC, including grants and laboratory facilities, can apply for funding.

This predominately includes UK universities, facilities, CERN, ESA and ESO:



European Organization for Nuclear Research



**RAL**



**Daresbury**



**UKATC**





Key aims:

❖ Transfer

❖ Exploitation

❖ Partnerships & Collaboration

❖ Economic Impact



# Funding Opportunities

- Knowledge Transfer Partnerships
- Follow on Funding
- RSE Enterprise Fellowships
- IPS and Mini-IPS
- IPS Fellowships



# Knowledge Transfer Partnership (KTP)

- **Collaborative project between business and knowledge base**
  - developing new products or processes
  - improving existing products or processes
- **KTP Associate employed to enable**
  - business to increase profitability and embed knowledge
  - knowledge base to transfer research to users
  - opportunity for post-graduates to bridge the gap to industry
- **Projects last 1 – 3 years**
- **Programme run by TSB, sponsored by STFC + others**
- Support available during application

[www.ktponline.org.uk](http://www.ktponline.org.uk) to find local KTP adviser



## To establish commercial feasibility on scientific and technical merit

- Proof of concept funding
- undertaking further scientific and technical development of an idea
- improving an intellectual property (IP) position
- gaining further information about the market for the new products or process
- identifying potential licensees or opportunities for joint ventures.
- *Not in partnership with industry*



# 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





## Grants - Innovation Partnership Scheme (IPS)

- **Enables KE between STFC funded researches and industry** to take technology towards commercialisation
- **Eligibility arises from STFC funded research** as the source of knowledge (academic lead)
- **Industry supported or joint application with Industry**
- **IPS Registered for State Aids**
  - (State aid funding is available to industry partners through the General Block Exemption Regulation - GBER).



## Scheme features – 3 calls/year

PROJECTS	IPS ACADEMIC / INDUSTRY	IPS ACADEMIC / ACADEMIC	MINI-IPS	FOLLOW ON FUNDING	IPS FELLOWSHIPS
Eligibility of non STFC organisations	Industry as supporter or co-recipient	Academic groups not funded by the STFC as supporter or co-recipient	Industry and/or academic groups not funded by the STFC as supporter or co-recipient	None	None
Maximum duration	36 months	36 months	12 months	12 months	48 months
Maximum project values	£450K	£450K	£150K	£110K	No maximum
Maximum %	80 % Full economic cost STFC or academic partner % contribution to industry dependent on size of business see Table 3			80% Full economic cost	80% (fEC limit) of 50% of costs
Maximum STFC contribution	£360K	£360K	£120K	£88K	No maximum



## STFC Innovation Club

- **Runs a very active programme of workshops and events** for the benefit of academics, industrialists and other interested research and technology organisations.
- **Our events are free to attend and are primarily for companies and academics** to learn about recent developments and encourage collaboration while promoting funding opportunities
- **Established business network** includes many sectors including defence, security, aerospace, space sector...
- **STFC KE SKA workshop, Jodrell Bank Observatory, 20 March 2013**



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<http://www.stfc.ac.uk/Business+and+Innovation/19205.aspx>

**Thank you**