

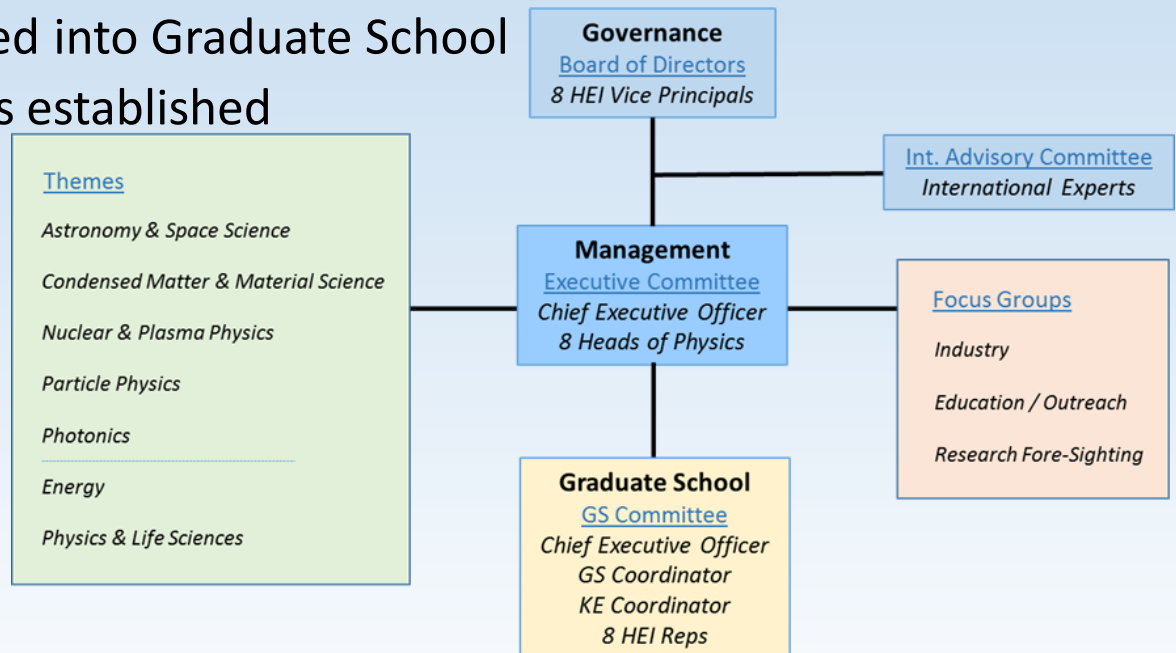


**Physics Scotland**

SUPA IAC Meeting – 26<sup>th</sup> May 2016  
*Knowledge Exchange*

Mat Wasley – KE Coordinator

- Since last year:
  - SUPA BDM and STFC IPS Fellow completed contracts
  - SUPA strategic plan 2016-2021
    - Developing impact across SUPA
    - KE assimilated into Graduate School
    - Focus groups established





# Existing Scope

(as considered by Industry Focus Group)

- Industry Placements
  - PEER support for engagement in Horizon2020 and other EU R&D initiatives
  - Support for engagement with industry
  - Innovation and Enterprise coaching for staff and researchers
  - Careers events with industry
  - The SUPA “Expert Tank” recruitment site
  - Enabling cross SUPA opportunities
- 
- A diagram consisting of two black arrows pointing from the text "External funding" to the first two bullet points: "Industry Placements" and "PEER support for engagement in Horizon2020 and other EU R&D initiatives".
- External funding



# Externally funded KE activity

- Placements
  - Historically funded throughout SUPAII:
    - Restoration: 18 placements in 6 calls (7<sup>th</sup> call open)
    - INSPIRE: 7 secondments
    - HEI: 2 secondments
    - PECRE: 9 industrial placements
  - Benefits reported by all parties
  - Always in demand
- PEER
  - 37 awards, 7 consultancy, 30 travel
  - > €4m total value, > £1m into Scotland (1:3 uni/SME)
  - Strategic uses, e.g. Photonics 21 Work Groups



# Expert Tank

The screenshot shows the SUPA Expert Tank website. At the top left is the SUPA logo. To its right, the text reads "SUPA Expert Tank" and "Connecting business with science". In the top right corner, there is a "Login / Register" link. Below this is a dark red navigation bar with links for "Home", "Upload your CV", "Job search", and "Discover organisations". On the right side of this bar is a button labeled "For recruiters".

The main content area features a "Welcome to the Expert Tank" message, followed by a paragraph explaining the platform's purpose: connecting industry with the huge talent pool of Scottish physics. Recruiters can upload details of their company and post vacancies to the 1000+ community of graduate students and researchers within SUPA. SUPA graduate students and researchers can upload their CVs and find out more about companies looking for problem-solving skills, analytical ability and the many other skills a physics background provides.

Below the text is a search interface with four input fields: "Keyword search", "Job location", "Job sector" (with a dropdown menu currently showing "- Any -"), and "Job title". A yellow "Find jobs" button is positioned to the right of the "Job title" field.

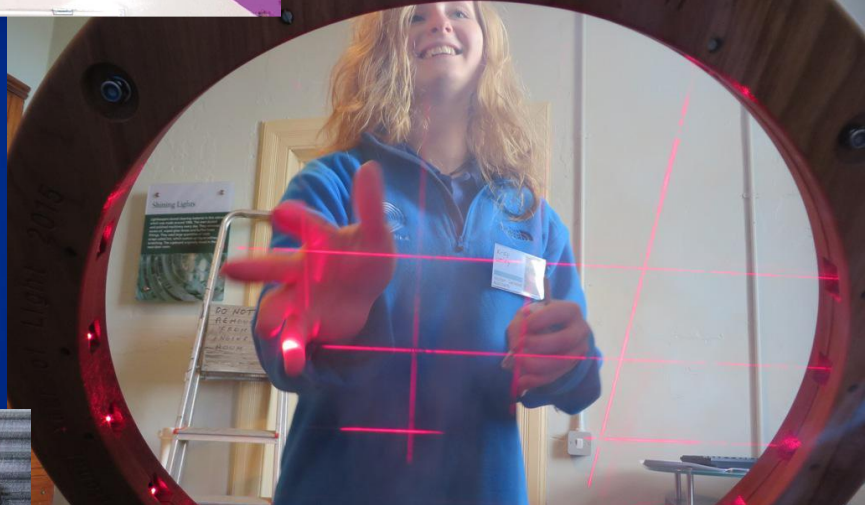
Underneath the search fields, it states "2 jobs available". Below this is a table of job listings:

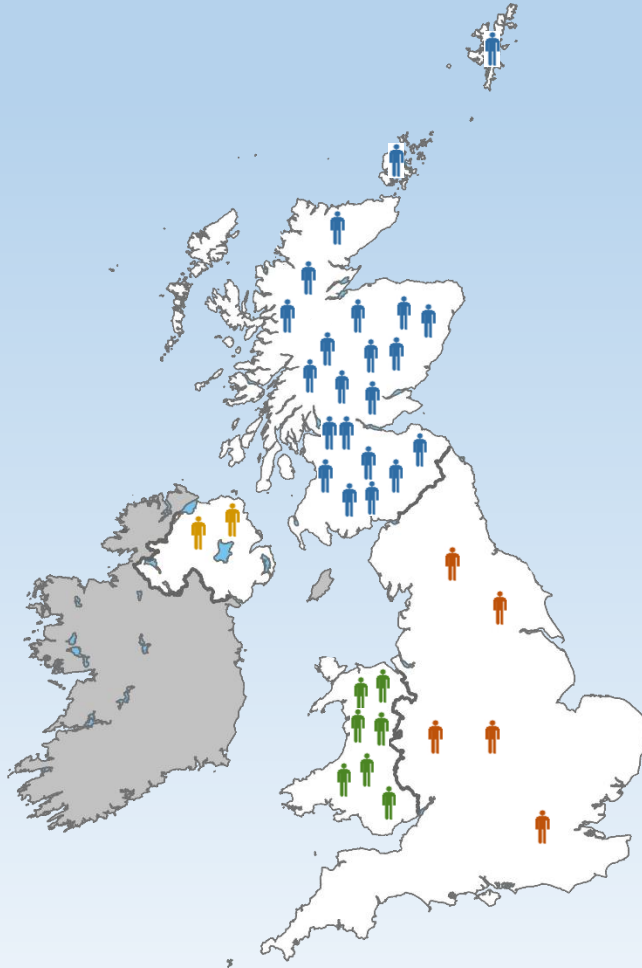
Lastest jobs	Job sector	Location
<ul style="list-style-type: none"><li>★ Fibre Laser Engineering Manager Coherent Scotland Ltd, Glasgow</li><li>★ Faculty and Postdoctoral positions at Beihang University, Beijing, China The Space Science Institute at Beihang University , Beijing, China</li></ul>	<ul style="list-style-type: none"><li>• Astronomy / Space science (1)</li><li>• Education (1)</li><li>• Research (1)</li></ul>	<ul style="list-style-type: none"><li>• Beijing, China (1)</li><li>• Glasgow (1)</li></ul>

## Stats:

- 124 Registered users
- 23 Registered organisations
- 41 Jobs posted







Events per million head of population

“A disproportionate number of events were organised in Scotland compared to the rest of the UK. By using IYOL as a vehicle for outreach activities, the Scottish Government was able to leverage both their own funding and funding raised by volunteering organisations.”

- UK IYL Evaluation Report (draft)

### SFC Funding

£50k to SUPA and partners

- Matched by > £60k cash + more in-kind

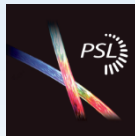
£50k to Scotland’s Science Centres







- Collaboration document with UKATC
  - Early discussions with IOP Scotland, Fraunhofer CAP
- Innovation Centres
  - Guide produced
  - SUPA – Data Lab academic meeting
- Joint events
  - 9 companies, 8 partner organisations at SUPA Annual Gathering exhibition!





# Potential areas for development

(as considered by Industry Focus Group)

## Internal

KT/ Enterprise training

Identification and coordination of calls

## Both

Continuing industrial placements

Industrial engagement at undergraduate level

Continue to hold careers events to build relationships with industry

Whither the SUPA "Expert Tank"?

## External

CPD

Industry-facing events

Externally-visible list of SUPA facilities

Working with other organisations - Associate Membership?



## Concluding remarks

- KE assimilated into Grad School and focussed on developing impact across SUPA
- Funded EU and placement activities have been successful – how to continue in lean funding period?
- IYL is good example of how SUPA can add value to universities in delivering impact
- Close working relationships with other organisations will be important.
- Many promising areas for development, must prioritise.