Inside this issue:

• Our services:
  - Graduate placements
  - Product evaluation

• Case Study Examples

• Upcoming Events
  - Stratified medicine
  - Project management training

• Team Spotlight

WELCOME to the Winter 2012 Space IDEAS Hub newsletter. We introduce a few of the many companies we have worked with, explain some of the ways we can help your business and highlight our events. After running for over a year, we have completed dozens of small projects with local clients, and every case is different and unexpected. Its not all about high tech solutions or space – do get in touch if you have a challenge we might be able to help with.

We opened this year with a business engagement event in medical imaging and close it with our end of year celebration (HUB:BLE). We have also exhibited at a number of regional and national events including the Medilink Innovation Day, Venturefest and the Farnborough International Airshow.

Upcoming Events

Stratified Medicine: Opportunities for Business
January 2013, University of Leicester

Join us at this FREE business event for those seeking to understand the latest developments in personalised healthcare - from detection and diagnosis to informatics and decisions.

Project Management for Scientists and Engineers
February 2013, University of Leicester

A one day professional development course to enhance your project management skills.

Turn to page 4 for further details about our upcoming events.
Space IDEAS Hub Services

Knowledge Exchange Events
We host themed knowledge exchange events, giving small and medium enterprises (SMEs) the opportunity to engage in new areas of expertise. These events also serve as a forum to assist SMEs with their business challenges through networking, collaboration and innovation in the East Midlands.

Graduate Placements
We can provide graduate placements for your business. To date we have placed graduates with SMEs in a range of sectors - from security consultancy to medical diagnostics.

Facilitation
We can co-ordinate bespoke problem solving meetings - giving your business access to a range of experts in research and industry to assist with your technical challenges.

Product Design and Evaluation
With over 50 years experience in designing instruments for space missions, we’ve developed an extensive skill set in engineering and product development - meeting the challenges of demanding environments such as space. The Space IDEAS Hub takes this expertise and applies it to the real-world challenges of our clients. We’ve worked across the whole spectrum of a product development life-cycle from initial concept, through prototype manufacture, materials analysis to final system testing.
Case Studies

Understanding technology clusters
Medilink EM, Nottingham

Medilink EM is the East Midlands life science industry association, whose aim is to help companies establish, develop and grow. The Space IDEAS Hub provided Medilink EM with a web-based analysis tool to plot the position of healthcare technology and bioscience companies based on business characteristics. The geospatial visualisation allows for better industry understanding and collaboration formulation based on what companies can do and “nearest neighbour” analysis. The analysis tool is a spin out application of the HALOGEN humanities and genetics research project at the University of Leicester.

A compressed natural gas refuelling system for cars
Gasfill Ltd, Leicester

Gasfill Ltd are a Leicester-based engineering firm that has developed a novel natural gas compressor system for compressed natural gas vehicles to be refuelled at home. Space IDEAS Hub was involved in investigating different options for monitoring the compressor performance remotely, to ensure efficient running, accurate fuel billing and continuous improvement in the product.

New markets for satellite imagery
Infonote Datasystems Ltd, Market Harborough

Infonote is a specialist software development company. Recently they attracted support from government for an innovative idea to open new markets from satellite imagery. Infonote approached the Space IDEAS Hub for assistance with the operational aspects of satellite remote sensing. We provided inputs to the overall system architecture, training in the modelling of orbits and support for the future development of a prototype.

Recycling Medicines
Inter Care - Medical Aid for Africa, Leicester

Inter Care is a unique charity that recycles quality surplus medicines helping to reduce waste and save African lives. Since 1974 they have responded to requests and recycled over £10 million worth of medicines; they currently donate aid to 121 rural African health units helping to treat a catchment population of over 9 million people. The Space IDEAS Hub are providing advice and consultancy in the evaluation of spectral technologies to determine the degradation of pharmaceuticals in relation to their stated shelf-life.
News and Events

Stratified medicine: opportunities for business
Thursday 24th January 2013 from 09:00
Henry Wellcome Building, University of Leicester LE1 7HB

The Space IDEAS Hub, BioCity and Medilink East Midlands invite you to a FREE business event to explore the latest developments in personalised healthcare - from detection and diagnosis to informatics and decisions.

**Speakers** include key members from the NHS National Innovation Centre and the Technology Strategy Board.

**Hear from practitioners in the field:**
University of Leicester
Leicester Royal Infirmary
Institut Curie

**Get expert advice** on how your business can benefit from stratified medicine:
- Intellectual Property Office - understanding and protecting your IP
- Catapult Ventures Ltd - Business Angel and Venture Capital funding
- University of Leicester - access to academic expertise.

For further details and registration visit www.spaceideashub.com/events

Team Spotlight

Andy Powell
Project Engineer

As the Project Engineer, my job is to understand our clients’ challenges and work out a plan to find solutions. I also act as a “translator” between the languages and issues of business and academia. Once we’ve understood the issues, we get the right people together from the Space Research Centre and the University of Leicester to create a solution. We’ve worked on a fantastic range of projects with new challenges coming every week.

Project Management for Scientists and Engineers
Thursday 27th February 2013
Stamford Court, University of Leicester, LE2 2LG

A one day professional development course to enhance your project management skills.

The **programme** includes:
- Project management in context
- The business case
- Success factors, KPIs and /benefits
- Planning and controlling your project
- Dealing with change
- Organisation and stakeholder management
- Managing risk

Further details and registration: www.spaceideashub.com/PMTraining