

# Security Lancaster



*Security Lancaster delivers research and education that innovates and creatively challenges the way individuals, organisations and societies secure and protect themselves. We achieve this via engagement and collaboration with companies from a range of sectors and governments. Our approach delivers the very best use-inspired and pure research alongside cutting-edge education that delivers real impact.*

## Access Expertise

- **Cyber Security** - protecting infrastructures, organisations and people from cyber threats
- **Investigative Expertise** - research and training in law enforcement investigative practice
- **Security Futures** - providing insight and debate on the future of global security issues
- **Transport and Infrastructure** - cutting edge research in threat detection and data fusion
- **Violence and Society** - probing the empirical, practical and theoretical links between violence and security to create solutions that put the victims of violence first

## Forming Partnerships

Organisations can access our expertise through five types of collaborative partnership:

- Collaborative research
- Facilities for research and development
- Commercialisation of intellectual property
- Professional training
- Student engagement

## Benefits of Collaboration

- Access multidisciplinary, solution-focussed research
- Transfer our skills and knowledge into your organisation
- Work with us to develop innovative solutions, new products and processes

"We are really excited to work with Security Lancaster. There is a real opportunity to share our knowledge, case studies and teaching with the university, and form a close collaboration, using their skills in our real world situations. If we can blend and blur the distinction between where the university ends and where the business starts, together we can do some really exciting work."

Steve Legg, University Relations Manager, IBM.

 LancsUniSecure

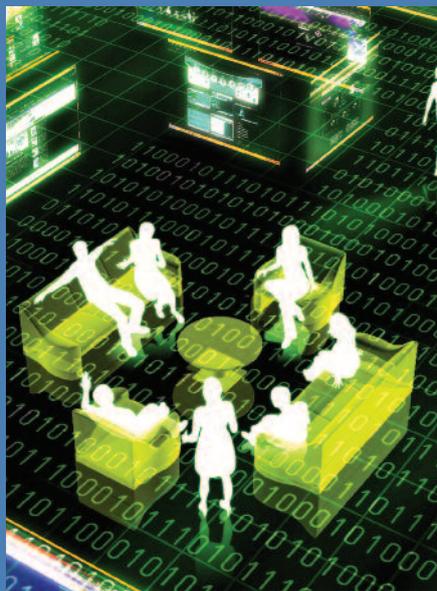
 Science and Technology at Lancaster

[www.security-centre.lancs.ac.uk](http://www.security-centre.lancs.ac.uk)



Academic Centre of Excellence in Cyber Security Research





Dr Daniel Prince, Associate Director for Business Partnerships and Enterprise

### Working in Partnership

Security Lancaster brings together the very best research and industry expertise to promote the security of society and its infrastructure. The centre provides co-location opportunities, security education, training and multidisciplinary, solution-focused research. We offer a complete approach to the protection of what is important to you and your organisation.

We work as part of a wider multidisciplinary team across Lancaster University. Our ability to draw on the expertise of academics from across the university allows us to bring a wide range of disciplines to bear on security and protection issues and innovate in flexible and pioneering ways.

Our colleagues have expertise in advanced manufacturing, chemistry, the demand and supply of energy, environmental sciences, health and human development, information and communication technologies, management, mathematics and statistics, politics, quantum technology, and social science.

### Partnership Examples

- iCOP – developing novel forensic software tools to support law enforcement agencies to identify new or previously unknown child abuse media and its originators on peer-to-peer networks
- ResiliNets – performing theoretical and experimental research to increase the resilience, survivability and dependability of networks in order to develop frameworks, strategies and design guides for the next generations of digital networks
- Security workshops e.g. The Future of Digital Troublemakers & Mobilising Emergency Response, The Future of International Law and Cyber Warfare and The Future of Cyber Criminals and Measuring Their Activity
- Protective factors for human rights violations as part of the Coordination Action on Human Rights Violation - a project involving 22 universities across Europe funded by the European Commission
- X-ray screening of cargo and vehicles for border and infrastructure protection in collaboration with the Science and Technology Facilities Council and 4 UK based companies

### Route to Access

“Security is a significant and wide ranging issue that impacts people, organisations and governments in all manner of complicated and difficult to predict ways. My role as Associate Director for Business Partnerships and Enterprise is to help understand and develop solutions to the problems that we face in this area, by facilitating collaboration between the expertise at Lancaster University, industry and governmental organisations.

“Lancaster University has a strong multi-disciplinary history, combining disciplines in innovative ways in order to provide high end research with proven application track record.

“Given our capabilities across numerous disciplines, we can easily pull together specialists from a variety of fields to deliver a partnership to meet your requirements, whether that is for collaborative or contract research, or for education. So if you would like to find out how we could work together to deliver innovative security solutions, please contact me for more information.”

**Dr Daniel Prince**  
Associate Director for Business Partnerships and Enterprise

### For further information contact:

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