Innovate UK

Results of Competition: **DCMS Cyber Security Academic Startup Programme Phase 2**

Competition Code: **1804_FS_DCMS_CSASP2**

Total available funding is £400,000

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
London Metropolitan University	Audio Beacon Based Authentication - Phase 2	£5,250	£5,250
LLOYDS BANKING GROUP PLC		£5,250	£5,250

Project description - provided by applicants

Project Title: Audio Beacon Based Authentication   Leading University: London Metropolitan University   Partner Organisation: Lloyds Banking Group   This project aims at developing a technical solution which enables the use of voice-controlled devices for executing financial transactions in an easy and secure way. We are surrounded by clever devices everywhere – at home, on the way while walking, driving or traveling, and in public places. Some of them even understand us by just talking, like Amazon Alexa, and they are becoming more wide spread by day. But the society needs more from technology to improve quality of life. Today it is possible to connect most of them to the Internet easily. Imagine how exciting it would be to be able to ask them to check your balance, or to order buying your ticket by just talking ... Unfortunately, at the moment it is not possible due to the low level of security of voice-controlled devices. The technology must provide the opportunity to use services everywhere in an easy way with guaranteed security.   The solution is very complex. It requires combining some of the hottest technologies in Cyber Security – Internet of Things, Cloud Computing and Information Security. In this project we will involve both researchers of the Cyber Security Research Centre of LMU and experts in industrial collaboration from the Business Accelerator of LMU. They have been working with Lloyds in this area for a number of years have already established a sustainable partnership based on trust and success. The two partnering organisations are now looking for a joint venture which will provide new opportunities not only for them, but also for other financial institutions as well as for vendors of consumer equipment and Internet service providers. Which will benefit the entire society because it will improve the everyday use of technology.

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
City University London	PRivacy preserving Searching in the Encrypted data (PRISE)	£22,000	£22,000
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Liverpool John Moores University	Marketing Validation: True random number generator (TRNG) for secure communications in the era of IoT	£15,513	£15,513

Project description - provided by applicants
Awaiting Public Project Summary

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Hertfordshire	TAME - Phase 2	£15,584	£15,584
Project description - provided by applicants			
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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Huddersfield	ExpertSecure	£11,538	£11,538

Project description - provided by applicants
Awaiting Public Project Summary

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
De Montfort University	The Adaptive Cyber Threat Intelligence (ACTI) for Security Investment Optimisation	£15,862	£15,862
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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Cardiff University	"Smoke Detector" for IoT Cybersecurity	£14,698	£14,698
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Newcastle University University of York	Verifiable electronic voting for real-world elections	£12,593 £2,790	£12,593 £2,790
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
The University of West London	Cyber Monitoring and Defence for IoT Devices (CyMonD)	£16,000	£16,000
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Bournemouth University	HuaHana	£12,168	£12,168

Project description - provided by applicants
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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Wolverhampton	A GDPR compliant Private Permissioned Blockchain for Secure Distributed Data Storage and Processing	£15,970	£15,970
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Oxford	Security Monitoring and Administration Residential Toolkit (SMART) - phase 2	£12,465	£12,465
Project description - provided by applicants			
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Participant organisation names	Project title	Proposed project costs	Proposed project grant
City University London	Raven: to Locate and Identify Extremist Online Multimedia	£16,000	£16,000
Project description - provided by applicants			
Awaiting Public Project Summary			

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Brighton	Privacy-by-design toolkit: Phase 2 Market Validation	£15,993	£15,993

Project description - provided by applicants
Awaiting Public Project Summary

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Manchester Metropolitan University	ZERO TRUST SECURITY (PHASE 2)	£16,000	£16,000
Project description - provided by applicants			
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Participant organisation names	Project title	Proposed project costs	Proposed project grant
University of Gloucestershire	Strong random number generation from body physiological signals for secure communication between implants inside the body and the gateway outside the body	£17,000	£17,000

Project description - provided by applicants
Awaiting Public Project Summary

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
City University London	CofDrop for Anonymous and Private Messaging	£16,000	£16,000
Project description - provided by applicants			
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