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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>London Metropolitan University</td>
<td>Audio Beacon Based Authentication - Phase 2</td>
<td>£5,250</td>
<td>£5,250</td>
</tr>
<tr>
<td>LLOYDS BANKING GROUP PLC</td>
<td></td>
<td>£5,250</td>
<td>£5,250</td>
</tr>
</tbody>
</table>
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 widespread 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.

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>City University London</td>
<td>PRiVacy preserving Searching in the Encrypted data (PRISE)</td>
<td>£22,000</td>
<td>£22,000</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liverpool John Moores University</td>
<td>Marketing Validation: True random number generator (TRNG) for secure communications in the era of IoT</td>
<td>£15,513</td>
<td>£15,513</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

[https://www.gov.uk/government/publications/innovate-uk-funded-projects](https://www.gov.uk/government/publications/innovate-uk-funded-projects) Use the Competition Code given above to search for this competition's results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Hertfordshire</td>
<td>TAME - Phase 2</td>
<td>£15,584</td>
<td>£15,584</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Huddersfield</td>
<td>ExpertSecure</td>
<td>£11,538</td>
<td>£11,538</td>
</tr>
</tbody>
</table>

Project description - provided by applicants
Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
## 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.*

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Montfort University</td>
<td>The Adaptive Cyber Threat Intelligence (ACTI) for Security Investment Optimisation</td>
<td>£15,862</td>
<td>£15,862</td>
</tr>
</tbody>
</table>

**Project description - provided by applicants**

Awaiting Public Project Summary

*Note: you can see all Innovate UK-funded projects here*

[https://www.gov.uk/government/publications/innovate-uk-funded-projects](https://www.gov.uk/government/publications/innovate-uk-funded-projects) Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiff University</td>
<td>“Smoke Detector” for IoT Cybersecurity</td>
<td>£14,698</td>
<td>£14,698</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

---

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newcastle University</td>
<td>Verifiable electronic voting for real-world elections</td>
<td>£12,593</td>
<td>£12,593</td>
</tr>
<tr>
<td>University of York</td>
<td></td>
<td>£2,790</td>
<td>£2,790</td>
</tr>
</tbody>
</table>

**Project description - provided by applicants**

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition's results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>The University of West London</td>
<td>Cyber Monitoring and Defence for IoT Devices (CyMonD)</td>
<td>£16,000</td>
<td>£16,000</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bournemouth University</td>
<td>HuaHana</td>
<td>£12,168</td>
<td>£12,168</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Wolverhampton</td>
<td>A GDPR compliant Private Permissioned Blockchain for Secure Distributed Data Storage and Processing</td>
<td>£15,970</td>
<td>£15,970</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
[https://www.gov.uk/government/publications/innovate-uk-funded-projects](https://www.gov.uk/government/publications/innovate-uk-funded-projects) Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oxford</td>
<td>Security Monitoring and Administration Residential Toolkit (SMART) - phase 2</td>
<td>£12,465</td>
<td>£12,465</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results

Funders Panel Date: 30/04/2018
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>City University London</td>
<td>Raven: to Locate and Identify Extremist Online Multimedia</td>
<td>£16,000</td>
<td>£16,000</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition's results
Results of Competition:  DCMS Cyber Security Academic Startup Programme Phase 2

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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Brighton</td>
<td>Privacy-by-design toolkit: Phase 2 Market Validation</td>
<td>£15,993</td>
<td>£15,993</td>
</tr>
</tbody>
</table>

Project description - provided by applicants
Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manchester Metropolitan University</td>
<td>ZERO TRUST SECURITY (PHASE 2)</td>
<td>£16,000</td>
<td>£16,000</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Gloucestershire</td>
<td>Strong random number generation from body physiological signals for secure communication between implants inside the body and the gateway outside the body</td>
<td>£17,000</td>
<td>£17,000</td>
</tr>
</tbody>
</table>

Project description - provided by applicants

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here

https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition’s results
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.

<table>
<thead>
<tr>
<th>Participant organisation names</th>
<th>Project title</th>
<th>Proposed project costs</th>
<th>Proposed project grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>City University London</td>
<td>CofDrop for Anonymous and Private Messaging</td>
<td>£16,000</td>
<td>£16,000</td>
</tr>
</tbody>
</table>

**Project description - provided by applicants**

Awaiting Public Project Summary

Note: you can see all Innovate UK-funded projects here
https://www.gov.uk/government/publications/innovate-uk-funded-projects Use the Competition Code given above to search for this competition's results