

Tuesday, 23 October 2012 – Fondation Universitaire, Brussels

**“Research and Innovation
for Cyber Defence and for Combating Cyber Crime”**

*Joint European Commission – EDA Workshop
Sponsored by EDA and DG Enterprise and Industry*

AGENDA

Time	Topic	Speaker/ <i>Presentation Title</i>
08.00 - 09.00	Registration, coffee	
09.00 - 09.45	Introduction, Setting the Scene <ul style="list-style-type: none"> • Opening remarks • Views from the European Commission, the European Defence Agency, EUROPOL and the European Space Agency 	Marco MALACARNE, DG ENTR Acting Director Christian BRÉANT, EDA R&T Director Géraldine NAJA, Head, ESA EU Relationship Office Bruno HALOPEAU EUROPOL European Cybercrime Centre
09.45 - 10.45	Session 1 – Cyber Defense for utility networks/critical infrastructures <ul style="list-style-type: none"> • Cloud/ubiquitous/mobile computing • Botnets and the role of Internet Service Providers • Robust Networks • Space and Cyber Defence • Cyber Enabling Technologies Chair: Michael SIEBER, EDA	Prof Christof PAAR, RUB/HGI (DE) <i>“Securing the Future Internet of Things”</i> Prof Michel VAN EETEN, University of Delft (NL) <i>“Strengthening the Security Incentives of Internet Intermediaries through Reputation Metrics”</i> Thorsten AURISCH, Fraunhofer FKIE (DE) <i>“Network Management and Cyber Defence Situational Awareness in Federated Networks for Improving Robustness”</i> Luca DEL MONTE, ESA <i>“ESA and Cyber Security: Potential Threats and Risks Associated to Space Missions”</i> Prof Octavio NIETO TALADRIZ, Polytechnical University of Madrid (ES) <i>“Reputation and Anomaly Detection for Securing Distributed Systems”</i>
10.45 - 11.00	+++ Coffee Break +++	

<p>11.00 - 12.00</p>	<p>Session 2 – Combating Cyber Crime</p> <ul style="list-style-type: none"> • Encryption • Preventing attacks • Visualisation techniques • Cyber Crime Forensics <p>Chair: Ngandu MUPANGILAI, DG ENTR</p>	<p>Prof QUISQUATER, UCL (BE) <i>"Is Cyber Security a Research Job for Computer Science or Biology?"</i></p> <p>Prof Bart PRENEEL, KU Leuven (BE) <i>"Defending Assets Using Cryptography: Opportunities and Limitations"</i></p> <p>Prof Evangelos MARKATOS, FORTH-ICS (EL) <i>"Managing Threats and Vulnerabilities on the Future Internet: A Research Approach"</i></p> <p>Dr Jörn KOHLHAMMER, Fraunhofer IGD (DE) <i>"Visualisation and Visual Analytics Techniques"</i></p> <p>Florian WALTHER (DE) <i>"How the EU Fails to Effectively Fight Cybercrime and Why"</i></p>
<p>12.00 - 13.30</p>	<p>+++ LUNCH +++</p>	
<p>13.45 - 14.45</p>	<p>Session 3 – Industry and End Users</p> <ul style="list-style-type: none"> • Views from Member States • Challenges for EU Systems Industry and SME <p>Chair: Inge CEUPPENS, EDA</p>	<p>Kusti SALM, Estonian NADREP and Armaments & Logistics Counsellor</p> <p>UK Ministry of Defence speaker (invited)</p> <p>Stephane GODDE, The European Network of Law Enforcement Technology Services <i>"Improvements to Consider by Industry and End Users to Better Protect Themselves Against Cybercrime"</i></p> <p>Veronique PEVTSCHIN, Engineering Ingegneria Informatica (on behalf of EOS) <i>"Challenges for the European Industry & Research in Cybercrime & Cyber Defence"</i></p>
<p>14.45 - 15.15</p>	<p>+++ Coffee Break +++</p>	
<p>15.15 - 16.15</p>	<p>Discussion, conclusions, closing remarks</p>	