

**10th European Conference on i-Warfare and Security
7-8 July 2011**

Wednesday 6 July 2011			
18:30	Pre-conference registration and welcome meeting (Until 1930) At the von Stackelberg Hotel Lobby-bar		
Thursday 7 July 2011			
9:00	Registration and coffee		
9:30	Room: Welcome from the conference chair: Vahur Kotkas		
9:45	Keynote address: Raul Rebane, Information Warfare expert, StratCom		
10:30	Conference splits into streams		
	Room: Stream A: Cyber-Security Chair:	Room: Stream B: Mini Track on Linguistic Analysis Chairs: Aki-Mauri Huhtinen, Marja Härmänmaa, Marja Vuorinen and Saara Jantunen	Room: Stream C: Mini Track on Cyber Conflict Chair: Debi Ashenden
10:45	Estonia After the 2007 Cyber Attacks: Legal, Strategic and Organisational Changes in Cyber Security Czosseck Christian, Rain Ottis and Anna-Maria Talihärm , Cooperative Cyber Defence Centre of Excellence, Estonia	Computer Games as the Representation of Military Information Operations – A Philosophical Description of Cyborgizing of Warfare Huhtinen Aki-Mauri, Finnish National Defence University, Finland	"This is Not a Cyber War, Its a....?" WikiLeaks, Anonymous and the Politics of Hegemony. Barnard-Wills David, Cranfield University, UK
11:15	Evaluating Cyber Security Awareness in South Africa Grobler Marthie, Joey Jansen van Vuuren and Jannie Zaaiman , University of Venda, South Africa	The Image of the Afghan War Visual Strategic Communication Narratives of the Isaf-Operation Kotilainen Noora, Helsinki University, Finland presentation only	Steps Towards Monitoring Cyberarms Compliance Rowe Neil, Simson L. Garfinkel, Robert Beverly U.S. Naval Postgraduate School, CA, USA and Panayotis Yannakogeorgos, Air Force Research Institute, AL, USA
11:45	A Study on Cyber Secured E-Governance in an Educational Institute: Performance and User Satisfaction Raju M.Kasi, Indian Institute of Technology - Madras, India	Legitimate Defenses Against Dangerous Archenemies. The Justifications by U.S. Presidents for the Initiation of Military Operations in the Persian Gulf and Kosovo, 1991-2003 Alenius Kari, University of Oulu, Finland	Cyber Security: Time for Engagement & Debate Ashenden Debi, Cranfield University, Defence Academy of the UK
12:15	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>

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	Room: Stream A: Cyber Criminals Chair:	Room: Stream B: Mini Track on Linguistic Analysis Chairs: Aki-Mauri Huhtinen, Marja Härmänmaa, Marja Vuorinen and Saara Jantunen	Room: Stream C: Mini Track on Hiding and Misleading Key Information Chair: Ken Webb	
13:30	International Criminal Cooperation in the Context of Cyber Incidents Talihärm Anna-Maria, Cooperative Cyber Defence Centre of Excellence, Tallinn	Thoughts of War Theorists on Information Operations Hirvelä Arto, National Defence University, Helsinki, Finland	Use of Compression Methods for Data Security Assurance Asamoah Dominic, Indiana University of Pennsylvania, USA and William Oblitey , Kwame Nkrumah University of Science and Technology, Ghana	
14:00	Cloud-Based Shared Mental Model in Cyber criminals Ng Daniel Ching Wa, C-PISA/HTCIA, Hong Kong (Non-academic, Main) EW-050 presentation only	Locating the Enemy Vuorinen Marja, University of Helsinki, Finland	A Case-Study on American Perspectives on Cyber and Security Jantunen Saara and Aki-Mauri Huhtinen , Finnish National Defence University, Finland	
14:30	<i>Refreshments</i>	<i>Refreshments</i>	<i>Refreshments</i>	
	Room: Stream A: Chair:	Room: Stream B: Mini Track on Linguistic Analysis Chairs: Aki-Mauri Huhtinen, Marja Härmänmaa, Marja Vuorinen and Saara Jantunen	Room: Stream C: Intelligence Chair:	
15:00	Legal Protection of Digital Information in the Era of Information Warfare Skorzewska-Amberg Malgorzata, Kozminski University, Warsaw, Poland	Missionaries of Peace - The Creation of the Italian Identity in the Representation of the Political Discussion in Favour of Italy's Participation in the Iraq War in Il Corriere della Sera Harmanmaa Marja, University of Helsinki, Finland	The Computer Security of Public/Open Computer Spaces; Feedback of a Field Study in Europe Filiol Eric, ESIEA - CVO Lab, France	
15:30		Information Security Culture or Information Safety Culture – What do Words Convey? Iivonen Ilona, Tampere University of Technology, Finland	Developing Intelligence in the Field of Financing Terror- An Analytical Model of Anti-Terror Inter Agency and Cross Border Cooperation: The Security of Financial Systems Dimension Bligh Alexander, Ariel University Center, Israel	
16:00		Strategic Communication and Revolution in Military Affairs; Describing Actions and Effects Jantunen Saara, Finnish National Defence University, Finland	Intrusion Detection Through Keystroke Dynamics Ferreira João, Henrique Santos University of Minho, Braga and Bernardo Patrão , Critical Software S.A., Coimbra, Portugal	
16:30	<i>Close of conference day</i>	<i>Close of conference day</i>	<i>Close of conference day</i>	
18:30		<i>Bus leaves for the conference dinner at the Estonian Open Air Museum</i>		

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22:00	Bus returns			
	Friday 8 July 2010			
9:30	Room: Keynote address: Professor Enn Tyugu, CCD COE and IoC, Estonia			
10:20	Presentation to introduce ECIW 2012 in Laval, France by Eric Filiol			
10:30	Refreshments <i>Poster contributors will stand by their posters to discuss their research</i>			
	Room: Stream A: Information Security Chair:	Room: Stream B: Critical Infrastructure Chair:	Room: Stream C: PhD Colloquium Chair/discussant:	Room: Stream D: Mini Track on Science, Tchnology and Terrorism Chair: Eric Filiol
11:00	Criteria for a Personal Information Security Agent Stieger Ewald and Rossouw von Solms , Nelson Mandela Metropolitan University, South Africa	Australian National Critical Infrastructure Protection: A Case Study Warren Matthew and Shona Leitch , Deakin Univeristy, Australia	1100-1110 Fight Over Images of the State Armed Forces and Private Security Contractors Salminen Mirva , University of Lapland, Finland 1115-1125 A "Mobile and Quick" Terrorism Desnos Anthony and Geoffrey Gueguen ESIEA, France 1130-1140 Behaviour Profiling for Transparent Authentication on Mobile Devices Li Fudong , Nathan Clarke , and Maria Papadaki , Paul Downland , University of Plymouth, UK 1145-1155 Description of a Practical Application of an International Security Audi Framework Pereira Teresa , Polytechnic Institute of Viana do Castelo, Portugal and Henrique Santos , University of Minho, Portugal 1200-1230	Potential Threats of UAS Swarms and the Countermeasure's Need Beaudoin Laurent , Antoine Gademer , Loica Avanthey , Vincent Germain , Vincent Vittori , ESIEA, France
11:30	User-Centric Information Security Systems - A Living Lab Approach Dlamini Moses , Marek Zielinski , Jason Chuang and Danie Smit , SAP Research pretoria, South Africa Jan Eloff , University of Pretoria	Modelling Relational Aspects of Critical Infrastructure Systems Pye Graeme and Matthew Warren , Deakin University, Australia		Perverting Emails; A New Dimension in Internet (In)Security. Filiol Eric , Jonathan Dechaux and Jean-Paul Fizaine , CVO Lab, France
12:00	Evolutionary Algorithms for Optimal Selection of Security Measures Kivimaa Jyri , Cooperative Cyber Defence Centre of Excellence and Toomas Kirt , University of Tartu, Estonia	Analysis and Modelling of Critical Infrastructure Systems Pye Graeme , Matthew Warren , Deakin University, Australia		
12:30	Lunch	Lunch	Lunch	Lunch

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	Room: Stream A: Chair:	Room: Stream B: Chair:	Room: Stream C: PhD Colloquium Chair/discussant:	Room: Stream D: Botnets Chair:
13:30	A Proposal for Domain Name System (DNS) Security Metrics Framework Rigoni Andrea, Global Cyber Security Center, Rome and Salvatore Di Blasi , Global Cyber Security Center, Rome, Italy	A Secure Architecture for Electronic Ticketing Based on the Portuguese E-ID Card Crocker Paul and Vasco Nicolau , University of Beira Interior, Portugal	1330-1340 Security Considerations for Virtual Platform Provisioning Aslam Mudassar and Christian Gehrmann , Swedish Institute of Computer Science, Sweden 1345-1355 Regulatory Compliance to Ensure Information Security; Financial Supervision Perspective Kull Andro, University of Tampere, Finland 1400-1430 Feedback and discussion	Botnet Detection: A Numerical and Heuristic Analysis Mendonça Luís and Henrique Santos , University of Minho, Portugal
14:00	Evaluation of the Armed Forces Websites of the European Countries Cunha Pedro, Parcício Gonçalves , Vitor Sá , Universidade Católica Portuguesa and Miguel Pimenta , Exército Português, Portugal	Methods for Detecting Important Events and Knowledge From Data Security Logs Vaarandi Risto, CCD CoE, Tallinn, Estonia		An Usage-Centric Botnet Taxonomy Czosseck Christian and Karlis Podins , Cooperative Cyber Defence Centre of Excellence, Tallinn, Estonia
14:30	Live-action Role-Play as a Scenario-Based Training Tool for Security and Emergency Services Hjalmarsson Sara, Edith Cowan University, Australia	Distributed Denial of Service Attacks as Threat Vectors to Economic Infrastructure: Motives, Estimated Losses and Defense Against the HTTP/1.1 GET and SYN Floods Nightmares Sarga Libor and Roman Jašek , Tomas Bata University in Zlin, Czech Republic		
15:00	Room: A summary of issues raised during the conference. Led by: Rain Ottis Awarding of Best PhD Paper and Best Poster Prizes			
15:30	<i>Close of Conference</i>	<i>Close of Conference</i>	<i>Close of Conference</i>	<i>Close of Conference</i>
	Work-in-Progress/Posters			
	Finding Patterns in the Alerts of Intrusion Detection Systems Ribeiro Francisco and Henrique Santos , Minho University, Portugal	Malicious Flash Crack Attack by Quote Stuffing This is the Way the (Financial World) Could End Erra Robert, ESIEA Paris, France	Investigating Cyber Information Warfare in an Evolving Technological Landscape Induruwa Abhaya, Canterbury Christ Church University, UK	
	Assessment of Mission Risk: Role of Protection of Information and Communication Technology Resources Choobineh Joobin, Evan Anderson , Texas A&M University and Michael Grimaila , Air Force Institute of Technology, USA			