



# Comprehensive Approach to cyber roadMap coordINation and develOpment

## Cyber Security and Physical Security

### ReESRA2016-2017: Reshaping the European Security Research Agenda for 2016-2017

#### CAMINO's 1st Experts Workshop

18<sup>th</sup> September 2014

Kursaal Bern, Bern, Switzerland





The ReESRA 2016-2017 workshop provides multiple SMEs, industry, scientists and end-users communities with a forum for

- the exchange of ReESRA 2016-2017 visions and challenges as well as
- the elaboration of strategies to those ends.

In particular, the goal of the workshop is to gather insights regarding Cyber Security in the field of Critical Infrastructure Protection (CIP) in Europe and beyond and to discuss further developments in methodology, technology, and foundations for the design and effective implementation of Cyber Security in CIP that enable the realization of Smart Critical Infrastructures and so Smart Cities.

The outcome will thus help towards the clarification of the various interpretations, commonalities, and differences, thereby paving the way for a more structured and well-founded approach to future CIP roadmaps and initiatives, including research and technology, education and training, ecosystems and standards.

Besides invited keynote speeches, the workshop will include:

- Presentation of CAMINO report on Main Research Gaps in Cyber Security Research
- Presentation of four project proposals to be submitted for the 2015 call
- Visions and challenges of technological, organizational, business and societal nature
- Roadmaps for CIP – suggested course of action that meet defined visions and challenges
- Demonstrations of Cyber Security solutions from regional and international efforts already undertaken or under way

Representatives from academia, industry and policy makers are invited to take part of this event.

## PRELIMINARY AGENDA

8:30-9:20	Registration and Welcome Coffee	
9:20 – 9.25	Welcome	Dr. Thomas Staub
9:25 – 9.40	CAMINO → project introduction	Dr. Michal Choras
9:40-11:00	Session 1 – Cyber Security and Critical Infrastructure	
	Keynote 1 <b><u>Cyber Security from a perspective of an operator of a critical infrastructure</u></b>	Rolf Brunner (KKL Leibstadt, nuclear plant)
	Keynote 2 <b><u>About the perception of security (products)</u></b> As security experts we know why we work on this topic. It is easy for us to understand why you this or that product. However, for "normal" people security is not that obvious. In the context of our own development of new security products we talked to a lot of experts	Dr. Carolin Latze (Swisscom)





	and "normal" people about the perception of security. We learnt a lot and this process is still not finished. During this talk we want to share some of the finding and give input for discussions of that topic.	
11:00-11:15	Coffee Break	
11:15-12:30	Wireless communication an Achilles heel in Critical Infrastructure	Erel Rosenberg (DFRC AG)
	<b><u>Cyber Security - an Asian perspective: "The trends of Cyber Security research activities in Korea"</u></b> This presentation will provide the trends and the activities of Cyber Security research in South Korea. In addition, the recent research activities conducted by ETRI (Electronics and Telecommunications Research Institute; <a href="http://www.etri.re.kr/eng/">http://www.etri.re.kr/eng/</a> ) will be presented.	Dr. Kim, Jong Hyun, senior researcher in Network Security Team; Cyber Security Department of ETRI
12:30-13:45	Lunch break	Demonstration of Cyber Security solutions
13:45-14:30	Main Research Gaps in Cyber Security Research	María Pilar Torres Bruna (EADE)
14:30-15:00	Calls for 2015 of H2020 Work Programmes Secure Societies	Dr. Nicole Wyss (Euresearch)
15:00-15:15	Coffee Break	
15:15-16:00	Presentation of 4 proposals to be submitted for the 2015 call	Will be selected
16:00-16:30	Summary	Dr. Michal Choras (ITTI)

## VENUE:

The ReESRA workshop will be held in Bern, in the Kursaal Bern, the largest conference complex and event venue throughout the entire Bern region. More details can be found under <http://www.kursaal-bern.ch>.

Some information about Bern:

Bern is the federal city and de-facto capital of Switzerland. The historic old town of Bern is a UNESCO World Heritage Site. It is largely medieval and includes different famous sites such as the medieval clock tower (Zytglogge), the medieval prison tower (Käfigturm), an impressive 15<sup>th</sup> century Gothic cathedral (Münster), a 15th-century town hall, eleven Renaissance allegorical statues on public fountains and 6 kilometres of arcades. Other attractions are the bear park (Bärengraben), the Federal Place, the former residence of Albert Einstein (Einstein House), the Rose Garden (Rosengarten), and Zentrum Paul Klee showing the world's most important collection of works by Paul Klee.

## IMPORTANT DATES:

Submission deadline for research project ideas: July 31th, 2014

Research project proposals: We invite SMEs and an academic institutions to present their project proposal ideas for the upcoming call Security call 2015. Please send us a short abstract of the





project idea, the specific target call and request for partners. A Word template is available on the workshop web site. Among all submissions, four proposals will be selected for presentation during the workshop for networking. Registration to workshop is mandatory. Selected research project ideas will be notified by August 15<sup>th</sup>, 2014.

Submission deadline for demonstrations: July 31<sup>st</sup>, 2014

ReESRA offers the opportunity to show demonstrations about products and on-going projects in the area of Cyber Security to a wide audience. The proposals are solicited for demonstration in the area of Cyber Security. A proposal (no more than 2 pages) should describe scope, significance and required equipment. Demonstrations are expected to show working prototypes and commercial products. A Word template is available on the workshop web site. Registration to workshop is mandatory. Selected demonstrations will be notified by August 15<sup>th</sup>, 2014.

Registration deadline for workshop: August 22<sup>nd</sup>, 2014

Please be aware that the number of participants is limited and registration is on a first-come-first-serve base.

### **Workshop: September 18<sup>th</sup>, 2014**

For information on the workshop, venue and registration please visit [www.dfrc.ch/camino-workshop](http://www.dfrc.ch/camino-workshop)

## **ABOUT CAMINO PROJECT:**

**CAMINO** is the Coordination and Support Action titled "**Comprehensive Approach to cyber roadMap coordINation and develOpment**", a European research project in the security domain "Developing a Cyber crime and cyber terrorism research agenda" funded by the European Union's 7th Framework Programme.

The two-year project commenced on the 1 April 2014. The CAMINO Consortium comprises ten partners from eight European countries: ITTI Sp. z o.o. and Police academy from Poland; Everis Aeroespacial y Defensa S.L. and S21SEC Information Security Labs S.L. from Spain; Sec-Control Finland Ltd. from Finland; DFRC AG from Switzerland; Espion Ltd. from Ireland; CBRNE Ltd. from the UK; The National Research Council CNR from Italy, and University of Montpellier from France. There are also 22 supporting members including overseas external experts. CAMINO is led by ITTI, and is coordinated by Dr. Michał Choraś.

In April, the Consortium celebrated the project kick-off meeting in Poznań (Poland). All partners were present and actively participated in specific sub-group working sessions aiming to better define the further workplan and the actions needed to meet the project goals. The CAMINO main strategic objectives are as follows:

1. Develop a comprehensive cyber crime and cyber terrorism research agenda, and
2. Initiate long-term activities with the aim to provide a stable EU platform of security research experts and organisations.

CAMINO will prepare the guidelines, its professional community's recommendations and a comprehensive research roadmap for the European Commission regarding fighting cyber crime and





cyber terrorism. CAMINO is offering a long-term EU cyber research platform with the cyber security "think tank". CAMINO is already strongly linked to the EU Integrated Mission Group for Security (IMG-S) Cyber Security Thematic Area (TA7), which is currently led by ITTI together with DFRC and Sec-Control Finland.

