2

Tuesday, 16 September 2014 13:00

CPEXPO & SRE 2014 Security Research Event, Genova Porto Antico Magazzini del Cotone 9-11th December 2014

During the Italian Presidency of the EU Council, the Liguria Region is organizing in Genoa, CPEXPO, a showcase for promoting the latest technologies and businesses working in the field of "Secure Society". Within the CP Exhibition, the European Commission D.G. Enterprise and Industry is organizing the "Security Research Conference 2014".
Security is a societal challenge and concerns protecting citizens, society and economy as well as Europe's assets, infrastructures and services, the world's prosperity, political stability and well-being. CPExpo 2014 is an indispensable tool, an exhibition giving visibility and business opportunities to industrial solutions and the newest innovations making communities feel safer. It's a platform where institutions, authorities, the scientific community, industries and other national and international stakeholders can meet and discuss their views.

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CPExpo 2014 & SRE Security Research Event 2014

The global expo-conference on Community Protection

Background

Security is a societal challenge, and concerns the protection of citizens, society and economy, as well as Europe's assets, infrastructures and services, the prosperity of everyone, the political stability and well-being. Shortly, security is protection of the Community, in its wider sense. Malfunction and disruptions, both intentional or accidental can have a strong impact with high economic, societal and even politic costs.

CPExpo is the answer to the exigency of an exhibition, which provides visibility and business opportunities to those industrial solutions and the newest innovation enabling communities to feel safe. Among its objectives, CPExpo aims at:

1) offering an integrated "snapshot" of the future, as regards both risks and solutions;

2) providing an up-to-date overview of the technologies, systems and solutions available for Critical Infrastructure protection;

3) promoting international debate and cooperation between and among public and private security stakeholders.

Following the positive experiences of previous **Security Research Events** organised in Germany (Security, Essen), in Spain ("HOMSEC 2013") and in France (MILIPOL), the European Commission's Directorate General Enteprise and Industry will organise the European Security Research Conference 2014 within CPExpo.

CPExpo is an event of the Italian Presidency of the Council of the European Union.

The global expoconference on Critical Infrastructures Protection

The project

The growing importance of critical infrastructures, their protection and the related Cyber Security protocols led to different approaches and continuous legislative changes worldwide. **CPExpo** is the answer to the exigency of an exhibition, which provides visibility and business opportunities to those industrial solutions and the newest innovation enabling communities to feel safe thanks to the protection of their critical infrastuctures.

Market trends

The EU has established that, in order to improve competitiveness in Europe's security sector, boost its growth, and promote the creation of new jobs, the following objectives need to be achieved:

1. overcoming market fragmentation;
2. reducing the gap from research to market;
3. improving the integration of the societal dimension.

Over the last ten years the world community protection market has grown tenfold, from € 10 billion in 2001 to € 100 billion in 2011, with growth indexes that exceed the average increase of GDP. The EU security market is estimated as being worth € 26 billion and employing approximately 180,000 workers.

The EU is committed to improving the competitiveness of Europe's security industry so as to prevent it from falling below its current 25% share of the world markets, especially in light of the increasing demand for technologies and know-how from emerging countries in Asia, South America, and the Middle East.

Why CPExpo?

- To promote and facilitate contacts between and among professionals, as required by the current legislative framework;
- To enhance debate at a national and international level;
- To respond to to a series of European policies aimed at sustaining and financing activities that favour training and the dissemination of information;
- To create a cultural training/information platform capable of increasing the perception and awareness of the risks stemming from an increasingly fast technological evolution;
- To offer an integrated "snapshot" of the future, as regards both risks and solutions;
- To offer an up-to-date overview of the technologies, systems and solutions available for IC protection;
- To promote international debate and cooperation between and among states, institutions, key clients, and the security industry;
- To offer Italian companies opportunities in new international markets, thus attracting important international clients, particularly from developing countries, to Genoa;

- To fill the gap deriving from the lack of events, also at an international level, specifically devoted to CIs and community protection.

Who is CPExpo targeted to?

- Representatives of the European Committees in charge of security sector development;
- Public-private official delegations from Europe, North America, mediterranean contries
- Italian and foreign ministries and institutions;
- Metropolitan municipalities, local bodies;
- Utilities;
- European Regions
- Experts in security and data and information governance methods;
- Universities and research institutes;
- Company top managers and security managers, auditors, risk managers, financial authorities;
- State bodies;
- Companies supplying tailor-made systems and solutions for CI security;
- Companies supplying security technologies on an industrial scale;
- Companies supplying subsystems and components.

CPExpo Thematic session 1

(day 2 – 10 December 2014 h. 14.30 – 16.00)

Disaster resilience: crisis management and civil protection.

"Resilience concepts need also to take into account the necessity to anticipate, to plan and to implement in the crises time a substitution process aiming to deal with a lack of material, technical or human resources or capacities necessary to assume the continuity of basic functions and services until recovery from negative effects and until return to the nominal position."

CPExpo Thematic session 2

(day 2 – 10 December 2014 h. 16.15 – 18.00)

Cybersecurity and Cybercrime.

"Cyber Security has multiple facets: cybercrime protection, privacy concerns, fundamental rights protection, defence of infrastructure and others. Securing the trust in the digital society entails the prevention of cyber-attacks on any component of the digital society (networks, devices, servers, client etc) as well as physical or intangible assets (finances, intellectual property, privacy). To achieve this important objective it is necessary to work on technology: hardware and software components, services (cloud computing) and mixed components are the ingredients for a recipe for success. Since cyber security is cross-domain, it applies to any societal challenge of the H2020 program, as well as in more general application domain (e-commerce, mobile communications, advanced research, ...)."

CPExpo Thematic session 3

(day 3 – 11 December 2014 h. 9.00 – 10.15)

Urban security and Protection of urban soft targets.

"European large urban environments are subject to various challenges and threats to urban security linked to their big size and large population. These challenges have also a strong impact on the security perception of the citizens and, by this, they can impact on the economic development and the quality of life. New approaches and innovative solutions, including sustainable, affordable and transferrable security technologies, are needed to solicit citizens' engagement to prevent, mitigate and recover from the above-mentioned security challenges and to foster their direct participation in the improvement of the urban security conditions. Specific consideration should be given to 'urban soft targets', which are exposed to increasing security threats. They can be defined as urban areas into which large numbers of citizens are freely admitted, for usual activities or special events or routinely reside or gather. Among others, these include parks, squares and markets, shopping malls, train and bus stations, passenger terminals, hotels and tourist resorts, cultural, historical, religious and educational centres and banks."

CPExpo Thematic session 4

(day 3 – 11 December 2014 h. 10.30 – 11.45)

Disaster resilience: critical infrastructure protection and business continuity.

"Extreme weather and climate events, interacting with exposed and vulnerable human and natural systems, can lead to disasters. In order to better forecastand manage the immediate consequences of weather- and climate-related disasters, in particular regarding emergency responses, improved measures and technologies are needed."

CPExpo Thematic session 5

(day 3 – 11 December 2014 h. 12.00 – 13.30)

Maritime Security.

"New technologies and capabilities are necessary to enhance systems, equipment, tools, processes, and methods to improve maritime security. These include both control and surveillance issues. Some examples could be: new advanced radar systems for coastal surveillance and support for search and rescue operations, passive technology for coastal border surveillance, light optionally piloted vehicles for maritime surveillance, tools for detection of low flying aircrft. This theme is closely related to the programme for a European border surveillance system (EUROSUR), and the SMART BORDERS legislative initiative."

Genova 9-10 December 2014

Based on the successful experiences of the SREs 2012 and 2013, the **European Commission** is organising the **Security Research Conference SRC2014** to be held over two half days on **9 and 10 December 2014**, within the **CPExpo**.

The conference targeted participants are:

- Industry stakeholders;
- European and international science and research personalities;
- Italian national authorities;
- High level European officials and representatives from other regional/international organisations.

The attendance of high level representatives of Italian authorities as well as of the **EU**, and other regional and international organisations, is envisaged.

SRC2014 will focus on the following five thematic sessions:

1. **The regional dimension of security**:

security and innovation priorities of different regions in the EU, how the EC is contributing to such priorities through its security research programme and security industrial policy, how the local and regional levels can contribute to the definition of policy objectives of the EU in these fields.

2. **Horizon 2020's Challenge 7 "Secure Societies":**

H2020 as an instrument to boost the competitiveness of the EU security market.to lead to the production of cutting-edge technologies, to define updated policies to fulfill the end-users needs.

3. **Security Industrial Policy Action Plan 2012:**

main advancements in the implementation of the Security Industrial Policy Action Plan, opportunities to strengthen competitiveness of the EU security industry, regional security clusters to discuss how EU industrial policy can provide support (standardisation and harmonisation actions).

4. **Privacy by design and the societal aspects of security:**

the concept of privacy by design and on the societal impact of security technologies, EU most recent legislation and initiatives in the fields.

5. **The external dimension of security: a focus on maritime security:**

concrete possibilities for H2020 to contribute to the advancement of the EU maritime security as one of the aspects of its external security dimension.

EC Security Research Conference-SRC 2014 tentative timetable

SRC2014 Genova 9-10 December 2014

Day 1 (Wed 09/12)

14.00 **Opening of Conference**

15.00 **Session 1**: The regional dimension of security

16.45 **Session 2**: Horizon 2020's Challenge 7"Secure Societies"

18.00 End of day 1

Day 2 (Thu 10/12)

09.00 **Session 3**: Security Industrial Policy Action Plan 2012

10.15 **Session 4**: Privacy by design and the societal aspects of security

12.00 **Session 5**: The external dimension of security: a focus on maritime security

13.00 **Conference conclusions**

9 – 11 December (h. 9.00 – 18.00): CPExpo Exhibition

9 December 2014 – Day 1

08.00-10.00 Registration

EC SECURITY RESEARCH CONFERENCE – SRC 2014

13.00 Welcome lunch

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15.00 **Session 1: The regional dimension of security**

16.15 Coffee break

16.45 **Session 2: Horizon 2020's Challenge 7"Secure Societies"**

18.00 End of day 1

20.00 Official dinner

10 December 2014 – Day 2

EC SECURITY RESEARCH CONFERENCE – SRC 2014

09.00 **Session 3: Security Industrial Policy Action Plan 2012**

10.15 **Session 4: Privacy by design and the societal aspects of security**

11.30 Coffee break

12.00 **Session 5: The external dimension of security: a focus on maritime security**

13.00 **Conference conclusions**

13.30 Farewell lunch

CPExpo 2014 WORKSHOPS

14.30 – 16.00 **Practical Demonstration**

14.30 – 16.00 **CPExpo Thematic session 1: Disaster resilience: crisis management and civil protection**

16.00 – 16.15 Coffee break

16.15 – 18.00 **CPExpo Thematic session 2: Cybersecurity and Cybercrime**

16.15 – 17.30 **Networking/Brokerage Event**

11 December 2014 – Day 3

CPExpo 2014 WORKSHOPS

9.00 – 10.15 **CPExpo Thematic session 3: Urban security and Protection of urban soft targets**

10.30 – 11.45 **CPExpo Thematic session 4: Disaster resilience: critical infrastructure protection and business continuity**

11.45 . 12.00 Coffee Break

12.00 – 13.30 **CPExpo Thematic session 5: Maritime Security**

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WORKING GROUP SMART SPECIALISATION STRATEGIES: "Toward a EU regional collaboration on safety and security aspects"

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