CRITIS 2013: Conference Report

CRITIS 2013 took place in Amsterdam, The Netherlands, September 16-18, 2013.
Key topic: Resilience of Smart Cities

CRITIS 2013

The eighth International Workshop on Critical Information Infrastructures Security (CRITIS 2013) was held in the EYE and the Shell Technology Centre Amsterdam, September 16 to 18, 2013. The conference was organised by The Netherlands Organisation for Applied Scientific Research TNO.

> Critis'11 proceedings were sent out on Oct 13. The Critis'12 proceeding are in print now. If you are interested in acquiring a copy, visit the Springer LNCS series website.
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> CRITIS 2013 proceedings are in the initial typesetting phase aiming for an early 2014 release.

CRITIS 2013 continued the series of successful CRITIS conferences. This conference started with an additional half day of keynote speeches which intended to broaden the view of critical (information) infrastructure (C(I)I) stakeholders such a policymakers, CI operators, and researchers. The focus of the keynote speeches was on Resilient Smart Cities which require resilient and reliable information and communication networks. Related notions are resilient smart grids and smart mobility. The topics of these keynote speeches were:

- Amsterdam, A Smart City (Ton Jonker, Amsterdam Economic Board),
- A Hyperconnected World: EYE on the Past, Present and Future (Henk Geveke, TNO),
- From Requirements for Critical Industry Sectors... Towards... Jointly Protecting our Critical Service Chains (Ben Krutzen, Shell),
- Smart City, A Vision on 2030 (Max Remerie, Siemens), and
- Future Visions of Super Intelligent Transportation (prepared by Marie-Pauline van Voorst tot Voorst, Netherlands Study Centre for Technology Trends).

During the remainder of the conference keynote speeches took place on:

- Future C(I)IP challenges – a view from the financial sector (Leon Strous, DNB),
- Smart Cities, a View on Developments (Giampiero Nanni, Symantec/EMEA),
- European Critical Internet Infrastructure: Past, Present and Future Research (Rossella Mattioli, ENISA), and
- From R&D to an International Operational Monitoring Centre: Monitoring the State of Critical Infrastructure(s) using Sensor Systems (Robert Meijer; Stichting IJkdijk, University of Amsterdam, and TNO).

All keynote speeches stimulated the debate between CI domain stakeholders on the nearby and long-term organisational and R&D challenges during the remainder of the conference and hopefully thereafter. A House-of-Commons style debate, which actively involved all conference participants, took the debate another step forward while bridging the views of the CI policymakers, CI operators, and the various research communities.

As in previous years, the technical Program Committee received a large set of paper submissions. The Program Committee provided insightful reviews and comments to the submitters of 57 papers. At least three independent and blind reviews per submission took place resulting in the selection of 16 full papers, which means an acceptance rate of 28%.

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Another four submissions were accepted as short papers. All these papers are published in this volume of the Springer LNCS series.

The selected papers and their presentations were grouped in the conference program as New Challenges, Natural Disasters, Smart Grids, Threats and Risk, SCADA/ICS and Sensors, and Short Papers. The same grouping can be found in the CRITIS 2014 proceedings which are expected to be published by Spinger as LNCS 8328 early next year. The pdfs of all the presentations in Amsterdam can be found on the CRITIS 2013.nl website under the program tab.

9th International Conference on Critical Information Infrastructure Protection

CRITIS 2014

will be held
in Limassol Cyprus, visit
www.critis2014.org

To stimulate international collaboration and exchange of ideas, the CRITIS 2013 program chairs handpicked a couple of other submissions which broach interesting subjects for the C(I)I protection domain. These contributions were discussed in an interactive parallel work-in-progress session. To stimulate collaboration even more, the conference organisers started the building of a Critical Information Infrastructures Security LinkedIn community for young (of mind) researchers: Young CRITIS. The intention is building a virtual international community that allows (young) researchers in the C(I)I domain to ask questions to peers and experienced researchers in the C(I)I domain about specific topics, e.g. help to find relevant literature, availability of data, and which research approaches are successful and which are not. This will enable to reach faster and better research results. Understanding each other's interests may help to develop joint international research proposals. At CRITIS 2013 a short brainstorm took place with Young CRITIS members (to be) on the need for such a network, how to expand the network further, and how to embed Young CRITIS in CRITIS 2014.

Organising a conference like CRITIS entails an effort that is largely invisible

to the participants. With gratitude I like to thank the local organising team, general chairs, the Technical Program Committee members whom voluntary did their review work and provided insightful reviews and comments to the authors of the submitted papers, the contributions by the keynote speakers, and the support of the host organisation TNO, the City of Amsterdam, The University of Twente, The Hague Security Delta (HSD), and the Shell Technology Centre Amsterdam (STCA). Together with the contributions to the discussions and interactions between all conference participants, this resulted in a very successful and stimulating CRITIS 2013 conference which laid the foundation for the upcoming CRITIS 2014 conference.