Message from the Workshop Chairs

The conference includes a set of fascinating thematic workshops. Five workshops cover a diverse set of current topics in dependability: 1) Software-Defined Networks (SDN) and Network Function Virtualization (NFV), 2) assessment of complex systems, 3) reliability and security aspects for critical infrastructure, 4) reliability and security data analysis, and 5) safety and security of intelligent vehicles.

DISN 2016: The 2nd International Workshop on Dependability Issues on SDN and NFV. Software-Defined Networks (SDN) and Network Function Virtualization (NFV) are two technologies that have already had a deep impact on computer and telecommunication networks. SDN and NFV introduce numerous dependability challenges. In terms of reliability, the challenges range from the design of reliable new SDN and NFV technologies to the adaptation of classical network functions to these technologies. In terms of security, the challenges are enormous, as SDN and NFV are meant to be the very fabric of both the Internet and private networks.

RADIANCE 2016: The 2nd International Workshop on Recent Advances in the Dependability Assessment of Complex Systems. The RADIANCE workshop aims to discuss novel dependability assessment approaches for complex systems and to promote their adoption in real-world systems through industrial and academic research. The goal is to promote and foster discussion on novel ideas, constituting a forum where researchers can share both real problems and innovative solutions for the assessment of complex systems.

ReSA4CI 2016: The 3rd International Workshop on Reliability and Security Aspects for Critical Infrastructure. The ReSA4CI workshop aims at providing a forum for researchers and engineers in academia and industry to foster an exchange of research results, experiences, and products in the area of reliable, dependable and secure computing for critical systems protection from both a theoretical and practical perspective. Its ultimate goal is to envision new trends and ideas about aspects of designing, implementing, and evaluating reliable and secure solutions for the next generation critical infrastructures.

RSDA 2016: The 3rd International Workshop on Reliability and Security Data Analysis. RSDA aims to concentrate ideas and contributions from academic and industrial organizations addressing reliability and security of computer systems through data analysis. Data analysis is crucial in a variety of engineering tasks, such as measuring availability and reliability of a system, characterizing failures, gaining insights into the progression of security attacks, designing mitigation means and countermeasures.

SSIV 2016: The 2nd International Workshop on Safety and Security of Intelligent Vehicles. The strong integration between dedicated computing devices, the physical environment, and networking, composes a Cyber-Physical System (CPS). As processing power increases and software becomes more sophisticated, these vehicles gain the ability to perform complex operations, becoming more autonomous, efficient, adaptable, comfortable, safe and usable. These are known as Intelligent Vehicles (IV). The workshop will focus on exploring the challenges and interdependencies between security, real-time, safety and certification, which emerge when introducing networked, autonomous and cooperative functionalities.

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