CALL FOR PAPERS

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GameSec 2012 - The Third Conference on Decision and Game Theory for Security

Budapest, Hungary, November 5-6, 2012 -- www.gamesec-conf.org

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GameSec 2012, the Third Conference on Decision and Game Theory for Security, will take place in Budapest, Hungary, which is commonly regarded as one of the most beautiful and vibrant cities in Europe.

The conference will explore security as a multifaceted economic problem by considering the complexities of the underlying technical infrastructure, and human and social factors. Securing resources involves decision making on multiple levels and multiple time scales, given the limited resources available to both malicious attackers and administrators defending networked systems.

The GameSec conference aims to bring together researchers who are working on the theoretical foundations and behavioral aspects of enhancing security capabilities in a principled manner. Previous GameSec contributions included analytic models based on game, information, communication, optimization, decision, and control theories that were applied to diverse security topics. In addition, we welcome research that highlights the connection between economic incentives and real world security, reputation, trust and privacy problems.

The conference is soliciting full and short papers on all economic aspects of security and privacy. Submitted papers will be evaluated based on their significance, originality, technical quality, and exposition. They should clearly establish the research contribution, their relevance to security and privacy, and their relation to prior research.

General theoretic contributions are welcome if they discuss potential scenarios of application in the areas of security and privacy.

Methodologies and topics of interest include (but are not limited to):

* Game-theory and mechanism design
* Algorithmic mechanism design and approximation techniques
* Algorithms, protocols and allocation mechanisms
* Pricing and economic incentives
* Dynamic control, learning and optimization
* Empirical economic analyses and simulation studies
* Surveys and user studies with economic components
* Experimental economics
* Decision-making and decision-theoretic approaches
* Risk management approaches and case studies
* Measurement studies with economic relevance

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SUBMISSION DETAILS

Prospective authors are encouraged to submit a PDF version of their papers considering the maximum length requirements for full and short papers, respectively, and in a font no smaller than 10 points. Submissions should adhere to the Springer Lecture Notes in Computer Science (LNCS) format. The conference language is English. Each submission should be previously unpublished work that is not currently under submission to another conference.

Full papers: Initial submissions are not to exceed 20 pages including references and well-formatted appendices. Full papers should make a strong technical contribution and adequately highlight the novel aspects of the work in relation to related research.

Short papers: Submissions may present work in progress, novel applications and practice/industry experiences. Potential short papers will be evaluated based on their novelty and potential for sparking discussions and future collaborations. Short paper submissions are limited to 10 pages.

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IMPORTANT DATES

Submission deadline: July 8, 2012 (EXTENDED)
Acceptance date: August 19, 2012
Camera-ready due: August 31, 2012
Conference dates: November 5-6, 2012

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