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Track 10: Information Systems Security

Track Co-Chairs

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Introduction

For more than a decade security has been acknowledged as a key issue in Information Systems (IS) research and practice. Consequently, security research has attracted significant attention and support. However, the level of security in current information systems does not seem to improve and security breaches are increasing. This paradox could possibly be explained by the fact that research has mainly focused on security technologies, whilst the most important security factors appear to be of human, social, and organizational nature. In addition, IS are no longer confined within well-defined organizational boundaries. Social and economic activities, as well as critical public services depend on IS and, thus, security has become a prime social concern.

In this context, the proposed track adopts a socio-technical perspective of IS. Thus, it aims to serve as a forum for IS security researches concerned primarily with the human, social, and organizational aspects of IS security.

Suggested topics (but they are not limited):

- IS Security Management
- IS Security Design Methodologies, Methods, and Models
- Security Risk Analysis and Management
- Security Awareness, Training, and Education
- Economics of Privacy and Security
- Law and Ethics
- Monitoring, Privacy, and Anonymity
- Organizational Issues of IS Security
- Social, Cultural, and Psychological Aspects of IS Security
- Outsourcing and Security
- Impacts of standards, policies, compliance requirements
- Usability and user acceptance of security policies and technologies
- Organizational governance for information assurance

BIOS of track co-chairs

Dr. Gurpreet Dhillon, PhD is Professor of Information Systems and Director of Information Technology Leadership Institute at the School of Business, Virginia Commonwealth University, Richmond, USA. He holds a Ph.D. from the London School of Economics and Political Science, UK. His research interests include management of information security, ethical and legal implications of information technology. His research has been published in several journals including Information Systems Research, Information & Management, Communications of the ACM, Computers & Security, European Journal of Information Systems, Information Systems Journal, and International Journal of Information Management among others.

Gurpreet has authored six books including Principles of Information Systems Security: text and cases (John Wiley, 2007). He is also the Editor-in-Chief of the Journal of Information System Security, is the North American Regional Editor of the International Journal of Information Management and sits on the editorial board of MISQ Executive. Gurpreet consults regularly with industry and government and has completed assignments for various organizations in India, Portugal, UK and USA.

Prof. Stefanos Gritzalis holds a BSc in Physics, an MSc in Electronic Automation, and a PhD in Information and Communications Security from the Dept. of Informatics and Telecommunications, University of Athens, Greece. Currently he is the Head of the [Department of Information and Communication Systems Engineering, University of the Aegean](#), Greece and the Director of the [Laboratory of Information and Communication Systems Security \(Info-Sec-Lab\)](#). He has been involved in several national and EU funded R&D projects.

His published scientific work includes 20 books or book chapters and more than 170 journal and international refereed conference and workshop papers. The focus of these publications is on Information and Communications Security and Privacy. His most highly cited papers have more than 500 citations (h-index=13). He has acted as Guest Editor in 12 journal special issues, and has led more than 15 international conferences and workshops as General Chair or Program Committee Chair. He has served on more than 130 Program Committees of international conferences and workshops. He is an Editorial Advisory Board member for 10 journals and a Reviewer for more than 30 journals. He was an elected Member of the Board (Secretary General, Treasurer) of the Greek Computer Society. His professional experience includes senior consulting and researcher positions in a number of private and public institutions. He is a Member of the ACM, the IEEE, and the IEEE Communications Society "Communications and Information Security Technical Committee".

Dr. Spyros Kokolakis is an Assistant Professor at the Department of Information and Communication Systems Engineering, University of the Aegean. He holds a B.Sc. (Informatics) and a Ph.D. (Information Systems) from the Athens University of Economics & Business (GR). He has been involved in several national and EU-funded R&D projects in the area of Information and Communication Systems Security. He is an author of several refereed papers in international scientific journals and conferences. He is a member of ACM and IEEE.