

Executive Education  
P.O. BOX 35249  
Ras Al Khaimah  
United Arab Emirates

Office: +971 7 206 9604

**Information Security and Privacy**  
**October 11-13 2010**  
**Ras Al Khaimah, UAE**

**Lecturers Biographies**

**Victor-Emmanuel de SA**

Prior to his key role as Conversion Manager for SAGEM Morpho on the Malaysian AFIS, Victor-Emmanuel de SA was Foreign Relations Officer in the *French Air Force* at the HQ in Paris and worked as Pre-Sales Engineer for *SUN Microsystems* at their HQ in Paris. Then he joined a Swiss based Security IT Company, as System Security Team Manager to design and build new secured e-payment architectures. Then he worked with *K2na Systems* in Melbourne as Security Systems Architect for the Open Secured Smart Cards Management System and the Medic@l Secure Storage<sup>®</sup> (e-health).

After four years, he was successively Senior Security Consultant, Senior Security Auditor and Security Engagement Unit Manager. Since, he has been working closely with the State of Geneva for security matters related to e-Gov.

Belonging to the official e-Gov delegation for the Swiss confederation and international Security lecturer, with almost all computer security certifications, he is part of the team which became Vice-World Champion in 2008, 2009 and 2010 during the mythic and prestigious international hacking Contest: *the Defcon "CTF"*.

Specialised in microchips and applied cryptography, inventor of Quantum Dana<sup>®</sup>, used to secure e-services, this expert in protection of sensitive information systems is Chief Strategy Officer of *Geneva Solutions SA*.

**Prof. Matthias Finger**

Born in 1955, Matthias Finger, a Swiss and French citizen, received his Ph.D. in Education in 1986 and his Ph.D. in Political Science in 1988, both from the University of Geneva. After having been Assistant Professor at Syracuse University, New York (1989-1991) and Associate Professor at Columbia University, New York (1992-1994), Matthias Finger was appointed Full Professor at the Swiss Graduate School of Public Administration in Lausanne in 1995. This is where he developed his research on the transformation of the network industries in the postal, the telecommunications, the railways, the electricity, the air transport, and the water sectors. In his research, he reconciled the liberalization of these sectors with public service objectives by means of new regulatory arrangements, while at the same time promoting a more entrepreneurial behavior of the operators. Matthias Finger was appointed Full Professor at the Swiss Federal Institute of Technology in October 2002 and Dean of Continuing Education in May 2003.

Executive Education  
P.O. BOX 35249  
Ras Al Khaimah  
United Arab Emirates

Office: +971 7 206 9604

### **Prof. Solange Ghernaoui-Hélie**

Prof. Ghernaoui-Hélie has been a Faculty of Business and Economics at the University of Lausanne since 1987. She was previously a network architect, an ISO standardisation expert, and a marketing product manager for international IT companies. She is an international expert on cybersecurity and cybercrime related issues. She is active as an ICT security analyst, possessing extensive experience of security governance, security strategies and the evaluation of security policies. She is a member of numerous advisory boards for foreign research institutions and often acts as an evaluator of research programs and institutions at national and international levels. She is a cybersecurity expert for the ITU, and was a member of the High Level Expert Group for the ITU - Global Cybersecurity Agenda.

In the late 1980s she founded the “SeDgE” (SEcurity in DiGital Environments) research group, which deals with the socio-economic, managerial, legal, and technological dimensions of information infrastructure security. Since then she has worked to develop an interdisciplinary and integrative security approach for citizens, organisations and states. She was a pioneer in this field and has contributed towards disseminating a global security approach that aims to respond to societal needs.

She is the author of more than twenty books including the ITU reference guide “Cybersecurity for developing countries”, presented at the World Telecommunication Development Conference, Doha, 2006. She is also the author of “Information Security for economic and social development” and co-author with Juge Stein Scolberg of the book “A global protocol on cybersecurity and Cybercrime: An initiative for peace and security in cyberspace” (Cybercrimedata, Oslo 2009). She is the best seller’s author of “La cybercriminalité: le visible et l’invisible” (Le savoir Suisse, 2009). She was a key researcher on the integrated European research project; Secure Communication based on Quantum Cryptography. Website : [www.hec.unil.ch/sgh/](http://www.hec.unil.ch/sgh/)

### **Dr. Mohammad Hossein Manshaei**

Dr. Manshaei is a senior researcher and lecturer at EPFL, Switzerland. His research interests include wireless security and privacy, wireless networking, game theory, and cognitive radios. His research is currently focused on the application of game theory in designing new security and privacy mechanisms in mobile networks (<http://lca.epfl.ch/projects/gamesec>). He is a member of the technical program committee of IEEE GameSec conference.

Dr. Manshaei earned his Ph.D. in computer science and distributed systems from the University of Nice Sophia-Antipolis, France, in 2005. He completed his Ph.D. thesis work at INRIA Sophia-Antipolis (The French National Institute for Research in Computer Science and Control). He



EPFL MIDDLE EAST

ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE

Executive Education  
P.O. BOX 35249  
Ras Al Khaimah  
United Arab Emirates

Office: +971 7 206 9604

earned his B.Sc. and M.Sc. degrees in electrical engineering from the Isfahan University of Technology (IUT) Iran.

<http://people.epfl.ch/manshaei>

### **Anthony Walsh**

Anthony Walsh is currently the Director of Entreprise Risk Services at Deloitte Switzerland where he leads the Security & Privacy team. He has 20 years of professional experience working in five countries. Prior to joining the firm in 2008, he held successive Chief Information Security Officer roles with an Oil & Gas major and a global Food and Tobacco manufacturer respectively. Anthony's experience includes senior international roles in internal Audit, and in IT operations, strategy and planning. He holds a BSc in Information Systems Design and an Executive Master degree in e-Governance from the Swiss Federal Polytechnic Lausanne (EPFL).