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Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 406
Disciplina	005.8
Soggetti	Data protection Electronic data processing - Management Computer networks Application software Educational technology Teachers - Training of Data and Information Security IT Operations Computer Communication Networks Computer and Information Systems Applications Digital Education and Educational Technology Teaching and Teacher Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Back to Basics: Information Security Education for the Youth via Gameplay -- Virtual Penetration Testing: A Joint Education Exercise across Geographic Borders -- Developing Cyber Competition Infrastructure Using the SCRUM Framework -- Security Education: The Challenge beyond the Classroom -- Background to the Development of a Curriculum for the History of "Cyber" and "Communications" Security

-- Information Assurance and Security in the ACM/IEEE CS2013 --  
Fostering Content Relevant Information Security Awareness through  
Browser Extensions -- PKI Interoperability: Still an Issue? A Solution in  
the X.509 Realm -- The Power of Hands-On Exercises in SCADA Cyber  
Security Education -- “Business Continuity and Information Security  
Maintenance” Masters’ Training Program -- Cyber Safety for School  
Children: A Case Study in the Nelson Mandela Metropolis -- A Review  
of IFIP TC 11 WG 11.8 Publications through the Ages -- Preparing Our  
Undergraduates to Enter a Cyber World -- How to Secure the Cloud  
Based Enterprise Information System – A Case Study on Security  
Education as the Critical Foundation for a MS-EIS Program -- Robust  
Programming by Example -- An Approach to Visualising Information  
Security Knowledge -- Creating Shareable Security Modules -- Towards  
a Pervasive Information Assurance Security Educational Model for  
Information Technology Curricula -- Two Approaches to Information  
Security Doctoral Research -- Towards Information Security Education  
3.0: A Call for Information Security Educational Ontologies -- The Use  
of Second Life ® to Teach Physical Security across Different Teaching  
Modes -- An Enterprise Anti-phishing Framework -- Teaching  
Computer Security with a Hands-On Component -- The Strengths and  
Challenges of Analogical Approaches to Computer Security Education  
-- Reaching Today’s Information Security Students -- Some “Secure  
Programming” Exercises for an Introductory Programming Class -- A  
SWOT Analysis of Virtual Laboratories for Security Education --  
Determinants of Password Security: Some Educational Aspects --  
Improving Awareness of Social Engineering Attacks -- A Risk-Based  
Approach to Formalise Information Security Requirements for Software  
Development -- Two Case Studies in Using Chatbots for Security  
Training -- Information Security Specialist Training on the Basis of  
ISO/IEC 27002 -- Using Bloom’s Taxonomy for Information Security  
Education -- Advancing Digital Forensics.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 8th IFIP WG 11.8 World Conference on Security Education, WISE 8, held in Auckland, New Zealand, in July 2013. It also includes papers from WISE 6, held in Bento Gonçalves, Brazil, in July 2009 and WISE 7, held in Lucerne, Switzerland in June 2011. The 34 revised papers presented were carefully reviewed and selected for inclusion in this volume. They represent a cross section of applicable research as well as case studies in security education.

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