IS Department Seminar

"Monitoring Driving - Detecting Plagiarism - Unified Emergency Scale"
Monitoring Driving in Real Time using SmartPhones
Language-independent Analysis of Text for Detecting Plagiarism
Unified Emergency Scale

Dr. Eli Rohn, PhD, CISA, CGEIT, CNA
Ben Gurion University
www.tinyurl.com/elirohn

DATE: Monday September 23, 2013
COFFEE: 9:45-10:00
TIME: 10:00-11:30
LOCATION: GITC 1403

ABSTRACT
Starting with an outline of his transition from a being a newly minted PhD to a position in academia, Eli will provide an overview of the BGU ISE department, how it treats the discipline and what are the major research areas there, followed by descriptions of select research projects he is conducting as of now:

Plagiarism Detection in Hebrew and Arabic is an ongoing research that was spun-off to a startup. Current academic research focuses on developing language-independent algorithms for detecting anomalous sentences in text.

Monitoring Driving in Real Time using smartphones is an on-going research that was also spun-off to a startup. Current research focuses on developing driver classifiers algorithms from big data, device location in vehicle, and smartphone manipulation while driving.

The Unified Emergency Scale is an ongoing research, conducted in collaboration with Prof' Blackmore from NJIT's math department. It has been recently implemented in software.
Early Stage R & D Projects:
- EU Plant Food Safety pathogens detection and early warning system
- Smartphone as an escape aid from hospitals on fire

BIO
Prior to joining the Academia, Eli accumulated extensive international experience by providing technical and executive consulting services in the area of software development and information technology management, pertaining to all aspects of organizational IT, strategic development, operations, risk management, security, regulatory and industry compliance with laws and standards. He is a Certified Information Systems Auditor (CISA), Certified in the Governance of Enterprise IT (CGEIT), Certified Novel network Administrator (CNA), holds a commercial pilot license and deep water diver certificate.

Eli graduated in 2008 with a PhD from the Department of Information Systems NJIT, having M. Turoff and M. Chumer as his advisers. His research interests are focused in information systems for crisis management and in complex adaptive information systems.

Since 2010 Eli has been a faculty member at the Information Systems and Software Engineering department at BGU. He has published several articles in high-impact journals, created two start-up ventures since. He teaches several ISE courses and advises six students.

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