

The University of Hong Kong
Department of Psychology

Departmental Seminar

***Objective Measures of Information Systems Usage
Behavior under Varying Conditions of Strain and
Experience Using Eye Fixation Data***

Date: July 2, 2015 (Thursday)

Time: 11:30 a.m. – 12:30 p.m.

Venue: Room 813, 8/F, The Jockey Club Tower, Centennial Campus, HKU

Speaker: Professor Andreas Eckhardt
Human Resource Management
German Graduate School of Management
and Law (GGS) in Heilbronn

Abstract

Within this talk, I will present the results of a lab experiment observing the impact of experience and pressure to perform on individuals' IS usage behavior. Therefore, we conducted a lab experiment with 124 participants and tracked participants' performance, behavior, and stress level applying eye-tracking and electrodermal activity (EDA). The results outline significantly different IS usage patterns and performance results for the participants due to different levels of stress and prior experience with system and task.

About the Speaker

Andreas Eckhardt is Professor of Human Resource Management at the German Graduate School of Management and Law (GGS) in Heilbronn. His research on IS usage, HCI, technostress, E-HRM, BPM and workforce management has been published in two books, several conference proceedings, and premier scientific journals including Journal of Information Technology, Journal of Strategic Information Systems, European Journal of Information Systems, Information & Management, MIS Quarterly Executive, Journal of Business Economics, and Business & Information Systems Engineering. He is the winner of the ACM SIGMIS Magid Igbaria Outstanding Conference Paper of the Year 2011 Award.