Editorial

In this edition we have 2 very interesting papers, each addressing an important aspect of information security. The first paper titled "Biometric Keypad Reliability: Stability Of Typing Patterns and Authentication Accuracy" is by Benjamin Ngugi, Dezhi Wu and Jonathan Frank. The paper presents a 3x1 factorial experiment that investigates variations in individual typing patterns and the accuracy of keystroke authentication. The key finding of the research presented in the paper is that individual typing patterns varied over time and the variance affected the accuracy of the biometric keypad. The study did not find any correlation between typing patterns and the resulting deterioration in accuracy. This means that there is significant complexity in individual typing patterns. The findings have important implications for suitability of typing biometric in critical authentication systems.

The second paper, "Employing Interactive Maps to Increase User Utilization of Visualization Mechanisms for Network Security", is authored by Andy Luse (Oklahoma State University), Brian Mennecke, Anthony Townsend and Doug Jacobson (Iowa State University). The paper proposes the use of interactive maps for visualization such that network security could be managed. Using a field quasi-experiment the papers explored the intention to use the system based on use of map-based visualization mechanisms.

I hope you enjoy this issue of JISSec and we look forward to our continued debates to develop a secure world.