Foreword

Cyber warfare, crime, and terrorism threaten the economic and political stability of society. Botnets and automated attacks disrupt services, threaten national infrastructures, and fuel international crime. As VizSec continues into its 12th annual meeting, the importance of cyber security continues to rise. High profile cyber security incidents and data breaches highlight the need for new data-driven approaches in security for both organizations and our personal safety. Human time and attention being precious resources, security visualization helps use these approaches effectively. Therefore, the need for better visualization tools is now widely recognized and supported. The focus of VizSec, which is to explore effective, scalable visual interfaces for security data and operations, is therefore more valid than ever.

This year we received 34 technical paper submissions along with 6 poster submissions. Each paper was refereed by at least three members of the program committee, which selected 11 papers for inclusion in the program and proceedings. This year’s program includes visual analytics for securing networks, understanding insider threats and analysing flows of virtual cash.

As VizSec continues to grow, we would like to thank the paper authors, members of the program committee, organizing committee, and steering committee for their time and dedication to this endeavor. We would also like to thank IEEE VIS for hosting us, and the IEEE for publishing our proceeding in the IEEE Xplore Digital Library.

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