

INFORMATION SECURITY EDUCATION JOURNAL

Dr. Ziyuan Meng, Editor-in-chief

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Call for Papers: Special Issue on Challenges in Secure Software Development

The modern economy—even in the service sector, accelerated by the pandemic—is a cybernetic economy, with ubiquitous cellphones and the Internet of Things. Digital transformation is changing enterprises, and agile transformation and DevOps affecting software development and deployment. At the same time, security concerns are increasing, with ever more consequential risks, as discussed by Schneier in *Click Here to Kill Everybody*. Considering technical aspects lead to approaches such as secure software engineering and DevSecOps, but there are also economic and policy issues. All of these need to be addressed in the security education of corporate and technical leaders.

This special issues invites the submission of papers on the above issues. A possible but not exclusive list of topics follows.

- Techniques for secure software development: secure methods, static and dynamic analyses, model checking and related methods.
- Addressing software security threat Modeling in cybersecurity education: confidentiality, integrity and availability modeling.
- Education and training on securing the digital or agile transformation—both in the goal state and ambiguities (control, access, etc.) during the process.
- Integrating a focus on secure software engineering and/or DevSecOps into security education.
- Integrating technical management and security education.
- Addressing physical security and social engineering in bottom-up, team-based approaches such as agile methods; addressing the challenges of remote or hybrid collaboration.

Submissions for the special issue begin **August 1, 2022**, with the final deadline for submissions being **November 1, 2022**.

Questions pertaining to the special issue should be directed to Dr. Ziyuan Meng via email at: zmeng@drew.edu

Submission Instructions:

Please submit manuscripts using the journal website: <http://www.dline.info/isej/submission.php>

About:

ISEJ seeks to collect and publish high-quality research, perspective, and best practice articles on the instructional challenges and innovations associated with Information Security teaching and learning in post-secondary educational settings. Information Security education includes curriculum development and implementation, best practices in the teaching of information security theoretical and practical topics, InfoSec laboratory experiences and exercises, and other related pedagogical topics.

It publishes original and scholarly papers after rigorous peer reviewing.