

## From the Editors

The first article in the fifteenth IJDE issue presents innovative concepts to deal with a new technology challenge. The other two articles are thought provoking pieces that will stimulate further discussion, encourage additional research, and help advance digital forensics methods.

The Baggili, Mislan, and Rogers article, *Mobile Phone Forensics Tool Testing: A Database Driven Approach*, the authors note that mobile phone forensics is a new area that does not lend itself to the traditional computer forensics model. The paper proposes “a database driven approach for the documentation of the mobile phone forensics procedures.” This approach facilitates the testing of mobile phone acquisition tools and provides a basis for determining error rates.

The Bem and Huebner article, *Computer Forensic Analysis in a Virtual Environment*, discusses the “potential role of virtual environments in the analysis phase of computer forensics investigations.” The authors discuss a two model approach using both conventional and virtual environments to determine the efficacy of using virtual environments. They argue that such an approach shortens the analysis phase and makes better use of staff who do not possess sophisticated training.

In the Gladyshev and Enbacka article, *Rigorous Development of Automated Inconsistency Checks for Digital Evidence Using the B Method*, the authors explore the application of formal methods to the analysis of digital evidence. The article focuses on one aspect of analysis, inconsistency checks and verifying their correctness. The authors present a rigorous model and discuss the positive and negative aspects of it.

We are actively soliciting articles for the Winter 2008 issue. Articles must be submitted by January 30, 2008 to provide time for the peer review process.

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