Computer Forensics in Software Engineering (CFSE) is the study on how to build computer forensics into software. While the “after the fact” issues on collection, examination, and analysis of computer and digital evidence are the central pieces of computer forensics, to involve computer forensics issues at an early stage of software design has become a looming aspect in the interdisciplinary research between software engineering and computer forensics. This workshop will mainly provide a forum for discussing the “built-in” issues on how to build software that better serves the practice of computer/digital forensics, as all other emerging issues in the field are also included.

The theme of the workshop is to innovatively design and to properly engineer smart solutions for supporting computer forensic research and practice. We truly believe that we need to build forensics into software. Only in this way, digital evidence of cybercrime and civil disputes can be collected more efficiently, cyber attacks on critical infrastructures can be prevented more effectively, and anonymity and privacy in the cyberspace can be preserved more confidently.

Moreover, this IEEE International Workshop will offer an invaluable opportunity for you to share and discuss ideas with other researchers and practitioners from the industry, government, and academia. The papers accepted to the workshop represent a mixture of the fundamental, current, and future issues now facing the field, including software categorization and forensics, mobile forensics, tracking illegal uploaders through digital watermarking, forensics of software copyright infringement, side information assisted forensic hash matching, and digital fraud detection with taxonomy. We look forward to the discussion that will advance the research and practice in this fascinating emerging field.

Finally, we are grateful for all the authors for their submissions and for their participation to the workshop. We also want to thank all the reviewers for their critical comments and instrumental suggestions. The workshop would not happen without their support.

Welcome to CFSE 2014!

CFSE 2014 Workshop Co-chairs:

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