Srihari / Franke

Computational Forensics

Second International Workshop, IWCF 2008, Washington, DC, USA, August 7-8, 2008, Proceedings

This Lecture Notes in Computer Science (LNCS) volume contains the papers presented at the Second International Workshop on Computational Forensics (IWCF 2008), held August 7–8, 2008. It was a great honor for the organizers to host this scienti?c event at the renowned National Academy of Sciences: Keck Center in Washington, DC, USA. Computational Forensics is an emerging research domain focusing on the investigation of forensic problems using computational methods. Its primary goalis the discoveryand advancement of forensicknowledgeinvolving modeling, computer simulation, and computer-based analysis and recognition in studying and solving forensic problems. The Computational Forensics workshop series is intended as a forum for researchers and practitioners in all areas of computational and forensic sciences. This forum discusses current challenges in computer-assisted forensic investi- tions and presents recent progress and advances. IWCF addresses a broad spectrum of forensic disciplines that use computer tools for criminal investigation. This year's edition covers presentations on c- putational methods for individuality studies, computer-based3D processing and analysis of skulls and human bodies, shoe print preprocessing and analysis, n- ural language analysis and information retrieval to support law enforcement, analysis and group visualization of speech recordings, scanner and print device forensics, and computer-based questioned document and signature analysis.

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