Preface

This Lecture Notes in Computer Science (LNCS) volume contains the papers presented at the Third International Workshop on Computational Forensics (IWCF 2009), held August 13–14, 2009 at The Netherlands Forensic Institute in The Hague, The Netherlands.

Computational forensics is a research domain focusing on the investigation of forensic problems using computational methods. Its primary goal is the discovery and advancement of forensic knowledge involving 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 forensics and presents recent progress and advances.

IWCF addresses a broad spectrum of forensic disciplines from criminal investigation. The NAS report “Strengthening Forensic Science in the United States: A Path Forward,” published in 2009, already concluded that: “With the exception of nuclear DNA analysis, no forensic method has been rigorously shown to have the capacity to consistently and with a high degree of certainty demonstrate a connection between evidence and specific individual or source.” Computational methods can assist with statistical methods using, for example, likelihood ratios to strengthen the different fields of forensic science.

The organization of such an event is not possible without the effort and the enthusiasm of everyone involved. We thank all the members of the Program Committee for the timely reviewing process and the adherence to high standards.

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IWCF 2009 Organization

IWCF 2009 was jointly organized by The Netherlands Forensic Institute, The Hague, The Netherlands and the University of Amsterdam, Amsterdam, The Netherlands.

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# Table of Contents

## Speech and Linguistics

Statistical Evaluation of Biometric Evidence in Forensic Automatic Speaker Recognition .................................................. 1  
*Andrzej Drygajlo*

Forensic Authorship Attribution Using Compression Distances to Prototypes ................................................................. 13  
*Maarten Lambers and Cor J. Veenman*

## Printers

Estimation of Inkjet Printer Spur Gear Teeth Number from Pitch Data String of Limited Length ................................................................. 25  
*Yoshinori Akao, Atsushi Yamamoto, and Yoshiyasu Higashikawa*

Detecting the Spur Marks of Ink-Jet Printed Documents Using a Multiband Scanner in NIR Mode and Image Restoration ............. 33  
*Takeshi Furukawa*

## Fingerprints

A Computational Discriminability Analysis on Twin Fingerprints ...... 43  
*Yu Liu and Sargur N. Srihari*

Probability of Random Correspondence for Fingerprints ............... 55  
*Chang Su and Sargur N. Srihari*

## Visualisation

A New Computational Methodology for the Construction of Forensic, Facial Composites ................................................................. 67  
*Christopher Solomon, Stuart Gibson, and Matthew Maylin*

Geovisualization Approaches for Spatio-temporal Crime Scene Analysis – Towards 4D Crime Mapping ............................. 78  
*Markus Wolff and Hartmut Asche*

## Multimedia

Multimedia Forensics Is Not Computer Forensics .......................... 90  
*Rainer Böhme, Felix C. Freiling, Thomas Gloe, and Matthias Kirchner*
Using Sensor Noise to Identify Low Resolution Compressed Videos from YouTube ......................................................... 104  
   \textit{Wiger van Houten and Zeno Geradts}

Using the ENF Criterion for Determining the Time of Recording of Short Digital Audio Recordings ......................................... 116  
   \textit{Maarten Huijbregtse and Zeno Geradts}

\section*{Handwriting}

A Machine Learning Approach to Off-Line Signature Verification Using Bayesian Inference ................................................................. 125  
   \textit{Danjun Pu, Gregory R. Ball, and Sargur N. Srihari}

   \textit{Kenneth A. Manning and Sargur N. Srihari}

Analysis of Authentic Signatures and Forgeries ............................. 150  
   \textit{Katrin Franke}

\section*{Documents}

Automatic Line Orientation Measurement for Questioned Document Examination ................................................................. 165  
   \textit{Joost van Beusekom, Faisal Shafait, and Thomas Breuel}

Color Deconvolution and Support Vector Machines ...................... 174  
   \textit{Charles E.H. Berger and Cor J. Veenman}

\section*{Author Index} ................................................................................. 181