Forensic Research-2013

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference on
Forensic Research & Technology

October 7-9, 2013 Las Vegas, USA

Audio video image forensics: Turning science fiction to science reality

Doug Carner
Forensic Protection, USA

Abstract

Video clarification can recover a blurry license plate, brighten a dark scene, restore VHS tapes and aid in facial identity matching. Audio enhancement can isolate human speech, suppress distracting sounds and facilitate voice identification. New tools let you achieve amazing audio and video clarity, prevent file tampering, identify fraudulent evidence, calculate vehicle speeds and suspect heights, and catalog and identify events, even among millions of recorded hours. This keynote touches on modern developments in forensic science including the latest open-source forensic tools, cutting edge manufactures, and the critical role of this conference in advancing these sciences.

Biography

Doug Carner is an audio-video enhancement and authentication expert. He is the President and lead technologist of Forensic Protection, and is board certified by the American College of Forensic Examiners and the American Society for Industrial Security. He is a Phi-Beta-Kappa graduate of U.C. Davis, trained in media forensic sciences, and factory trained on leading recording systems. He is an active member of the International Association for Identification and the International Association for Legal Research Investigators. He has processed evidence in over a thousand cases with results that have been featured in the national news, and accepted by courts and agencies worldwide. His recent high-profile cases include “George Zimmerman–Trayvon Martin”, “Mathew Clark”, “Abdul Arian”, and previously unsolved crimes around the world. He has been featured on "KFI radio news", "PI's Declassified", and as an expert on the "Dr. Phil" show. His writings have been published in "The Jury Expert - American Society of Trial Consultants", "Homeland Security News Wire" and "Security Info Watch". He has pioneered industry innovations and is an avid advocate for Clarification, the new science-based alternative to judgment-based enhancements. He routinely donates his time to innocence projects, indigent clients, and as an educational speaker. He is a frequent lecturer on how to determine if audio-video discovery files are altered copies, how audio-video files are enhanced and authenticated, and effective methods to get opposing counsel's media exhibits and experts excluded. He has received both prosecution and defense praise for his detailed work that results in an exceptionally high rate of pretrial case dismissal or settlement.

Doug@forensicprotection.com