

# **2008 DVD Table of Contents**

### Disc 1

# **Borescopes for Forensic Scientists**

Ken Harrington, Gradient Lens Corporation, Rochester, NY

# 2008 Recall / Safety Warning Update

Dom Denio, FBI Laboratory, Quantico, VA

### **Dinosaur Club Update**

Dave Brundage, Forensic Firearms Consulting, Nashville, TN

#### What's New In Ammunition?

George Kass, Forensic Ammunition, Okemos, MI

### **Deformed Bullet Acquisition on IBIS BulletTRAX-3D**

Dr. Danny Roberge, Forensic Technology Inc., Cote-St-Luc, Quebec, Canada

# Infrared Imaging and FlashCorrelation – An Innovative Approach to Case Linkage Stan Derr & Jack Dillon, SED Technology LLC, Fairfax, VA

Start Derr & Jack Dillott, SED Technology LEC, Talliax,

# **Statistical Analysis of Toolmark Striations**

Dr. L. Scott Chumbley, Iowa State University, Ames, IA

# **Update on AFTE 2009**

Yamil Garcia, Metro-Dade Police Crime Lab, Miami, FL

## National Firearms Examiner Academy (NFEA) - An Update

Glen Beach, NFEA, Ammendale, MD

## **GLOCK's Signature Barrel - Durability of the EBIS Markings**

Carolyn Martinez, Corpus Christi PD Crime Lab, Corpus Christi, TX

# Has the Barrel Been Changed? - An Example of Why We Need Reference Collections

Kevan Walsh, ESR, Auckland, New Zealand

### **AFTE Technical Advisors Update**

Paul Szabo, Winchester Ammunition, East Alton, IL

## **Improvised Firing Devices**

Paul Murphy, Forensic Technology Inc., Cote-St-Luc, Quebec, Canada

# Introduction to the Sporting Arms and Ammunition Manufacturers' Institute Inc. (SAAMI)

Kenneth Green, SAAMI Technical Affairs Director, Frankfort, NY

#### Disc 2

### **Firearms Recoil Dynamics**

Alexander Jason, Anite Group, Pinole, CA

# **City Shooting: A Complex Reconstruction**

Alexander Jason, Anite Group, Pinole, CA

# When Bullets Talk - Do You Listen?

Lucien Haag, Forensic Science Services, Carefree, AZ

### **Falling Bullets**

Lucien Haag, Forensic Science Services, Carefree, AZ

#### **Visualized General Rifling Class Characteristics File**

Tsuneo Uchiyama, National Research Institute of Police Science, Kashiwa, Japan

# **Toolmark Considerations in Damaged Commercial Drug Packaging**

Gerard Dutton, Tasmania Police Ballistics Section, Hobart, Australia

# Establishing the Golden Images of the NIST SRM Standard Bullets and Casing for Nationwide Ballistics Measurement Traceability and Quality System

John Song & Susan Ballou, NIST, Gaithersburg, MD

# NIJ - Release of NIJ Sponsored AFTE Media Based Training Program

Dr. Katy Savage, NFSTC, Largo, FL

## The Effects of Geometry of Force on Trigger Pull Measurements

Garry Lawrence, Centre of Forensic Science, Toronto, Canada

#### Case Study: Homemade, Compressed Air Powered, Multiple Arrow Launcher

Garry Lawrence, Centre of Forensic Science, Toronto, Canada

# The Poor Man's Tour of Ammunition Manufacture

Paul Szabo, Winchester Ammunition, East Alton, IL

#### Disc 3

# The ENSFI Expert Working Group (EWG) Firearms / GSR

Dr. Walter Wenz, Bundeskriminalamt, Wiesbaden, Germany

## **EVOFINDER - A Really Useful System for Firearms Examiners**

Dr. Walter Wenz, Bundeskriminalamt, Wiesbaden, Germany

# The Cast Breech Block of a SIG-SAUER Mosquito Pistol and Its Effects on Cartridge Case Identifications

Stephen M. Ostrowski, New Hampshire State Police Forensic Laboratory, Concord, NH

# **Bullet Trajectory Demonstration - A Graphical Presentation**

Paula M. Ernst, FBI Special Projects Unit, Quantico, VA

# Less-Lethal Impact Munitions – A Comparison of Human Analogs vs. Live Subjects R.T. Wyant, Washington State Patrol, Seattle, WA

#### The Vortex Effect

Evan Thompson, Arizona DPS Crime Lab, Flagstaff, AZ

## **Blind Verification Models for Firearms - Toolmark Examinations**

Erich D. Smith, FBI Laboratory, Quantico, VA

### **Business Process Management in Forensic Science**

Dom Denio, Tri-Lucem Consulting LLC, Fredericksburg, MD

## Firing Pin Impression Depth & Volume Measurement

Jason Butell, Sedgwick County Regional Forensic Lab, Wichita, KS

#### **2008 SWGGUN Overview**

Greg Klees, SWGGUN Chairman, ATF National Lab, Ammendale, MD

# Physical Matching as Duties of a Firearms and Toolmark Examiner

Jaco Swanepoel, Forensic Analytical Services, Hayward, CA

#### Tales from the Bench: Intriguing Cases from 2007

Charles Clow, Southwestern Institute of Forensic Sciences, Dallas, TX

## Disc 4

#### **ASCLD/LAB Accreditation Updates**

Glen Jonson, ASCLD/LAB Training Division, Garner, NC

#### Wound Ballistics 2008 'Looking Forward Looking Back'

David Andrew, Berri Hospital, Berri South Australia, Australia

# Visualization of Gunshot Residue Patterns on Dark Clothing Using a Video Spectral Comparator

John & Marie Durina, San Diego PD Crime Laboratory, San Diego, CA

# **Gunpowder Visualization by Digital Infrared Photography**

William Matty, San Bernardino County Sheriff's Lab, San Bernardino, CA

# The Antwerp Massacre and the Consequences for a Small Country

Dr. Jan De Ceuster, National Institute of Criminology, Brussels, Belgium

#### **US Army Crime Laboratory Update**

Dana Sevigny, US Army Criminal Investigation Lab, Forest Park, GA

# **GRC Update**

John Webb, FBI Laboratory, Quantico, VA

# **Daubert Presentation**

Brandon Giroux, FBI Laboratory, Quantico, VA

# **Daubert Presentation Question and Answer Session**

Stephen Bunch, Douglas Murphy, Erich Smith & John Webb, FBI Laboratory, Quantico, VA Greg Klees, ATF National Laboratory, Ammendale, MD