



# **TECHNICAL PRESENTATION LIST**

Consecutively Manufactured .25 Auto F.I.E. Barrels - A Validation Study

What's New In Ammunition

The Effect of Vibratory Finishing on Broaching Marks as a Function of Time

External Validation, The symbiotic relationship between independent examiners and examiners working in crime labs

Bone Particles in Bullets: Their Forensic Value and Recognition

Reconsidering the Ballistic Imaging of Crime Bullets in Gun Law Enforcement Operations

Tales From the Dark Side

Exploring the Limit of Gunpowder Particle Quantity for Distance Determination

An Unusual Toolmark and Fracture Match to a Smokestack from a 19th Century Steam Engine

Forensic value of nails added to IED's for shrapnel

Empirically Determined Frequency of Error in Cartridge Case Examinations Using a Double-Blind Format

Tavor Weapons' Design, Manufacture and Forensic Aspects

The Use of Image Analyzing Software for Muzzle to Target Distance Determination

Hole in One

Marking reproducibility analysis on consecutively fired bullets

Proposed "NIST Ballistics Identification System (NBIS)" Based on 3D Topography Measurements on Correlation Cells

Where Are the Bullets?

Bugs on Bullets

Breechface Subclass Characteristics of the Jimenez JA Nine Pistol

The Challenges of Capturing and Successfully Comparing Bullet Images

Subclass Characteristics on CCI Speer Cartridge Case Heads

Franken-Hybrid: Characteristics of a Select-Fire Hybrid Firearm/Paintball Marker

NIST Bullet SRM 2460 Replication and Validation Using an Improved Vacuum Casting Method and Potential Evidentiary Use