

**FSM 2008: Measurement and 3D Data Capture
for Crime Scene Investigations,
Accident Reconstruction and Security**

March 4-6, InterContinental Hotel, Houston, Texas

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AGENDA Page 1 of 2

SUNDAY, MARCH 2, & MONDAY, MARCH 3 – SCANNING PRACTICAL EXERCISES

InterContinental Hotel Houston & vicinity

Exercise I: Teenager is Discovered to be Missing		Exercise II: Pre-Event Planning Scenario
SUNDAY, MARCH 2		
8:00am– Noon	Leica Geosystems / Plowman Craven / NextEngine	InteliSum
Noon– 4:00pm	Z+F	FARO

MONDAY, MARCH 3		
8:00am– Noon		Riegl USA

DAY ONE – TUESDAY, MARCH 4

8:00am– 4:00pm	REGISTRATION <i>Legends Pre-Function Entrance</i>
8:30am– 11:00am	Training Class: Introduction to Crime Scene Investigations <i>Champions III (mezzanine)</i> Forensic Scientist Sgt. Keith Johnson & CSI Sgt. Michael Haag, Albuquerque Police Department
1:00pm– 1:45pm	Opening Ceremonies <i>Founders II-III</i> Larry Sonntag, President, IAFSM, & Captain (retired), Albuquerque Police Department Houston Police Chief Harold L. Hurtt Tom Greaves, CEO, Spar Point Research LLC Albuquerque Police Chief Raymond D. Schultz
1:45pm– 2:30pm	T1 FBI Biometric Center of Excellence <i>Founders II-III</i> Johnna Hoban, Criminal Justice Information Services Division, FBI Biometric Center of Excellence
2:30pm– 3:15pm	T2 Calibrated Video Surveillance <i>Founders II-III</i> Dr. Peter Tu, Research Scientist, General Electric Global Research
3:15pm– 3:30pm	AFTERNOON BREAK <i>Refreshment Areas</i>
3:30pm– 4:15pm	T3 Visualized Crime Scene <i>Founders II-III</i> Paul Lucas, Project Manager, 3D Crime Scene Imaging/Forensic Visualization, & Alexander de Bruijn, Police Rotterdam Rijnmond
4:15pm– 5:00pm	T4 Fabricating the Future: How Additive Fabrication Systems are Changing Forensics & Crime Scene Investigation <i>Founders II-III</i> Fred Fischer, Product Marketing Manager, Stratasys, Inc.
5:00pm– 5:15pm	Discussion & Review <i>Founders II-III</i>
5:00pm	FSM EXHIBITS OPEN
6:00pm– 10:00pm	EXHIBITORS' SOCIAL MIXER EVENT

DAY TWO – WEDNESDAY, MARCH 5

7:00am– 4:00pm	REGISTRATION <i>Legends Pre-Function Entrance</i>
7:00am– 8:00am	BREAKFAST <i>Discovery Center & Legends Ballroom Pre-function Area</i>
8:00am– 11:30am	FSM & SPAR EXHIBITS OPEN

TRACK 1: SYMPOSIUM		TRACK 2: ROUNDTABLE THINK TANK	
8:00am– 8:45am	WS1 3D Reconstruction of Incident Scenes Using 3D Scanning & Radiological Imaging <i>Founders II-III</i> Ursula Buck, Kantonspolizei Bern, Switzerland	WR1 Who is This Person? A Comparison Study of Current 3D Facial Approximation Methods <i>Speakers Room</i> Summer J. Decker, MA MABMH, & Dr. Don Hilbelink, Univ. of South Florida College of Medicine	
8:45am– 9:30am	WS2 Real-Time Laser Scanning Trial <i>Founders II-III</i> Officer Nick Cooper, Collision Investigation Unit, South Wales Police	WR2 Using Ultra-Fast Image Capture to Obtain Precise 3D Surface Metrics of the Human Body <i>Speakers Room</i> Jesse Knowles, Regional Sales Director, 3dMD, LLC	
9:30am– 9:45am	Discussion & Review <i>Founders II-III</i>	Discussion & Review <i>Speakers Room</i>	
9:45am– 10:00am	MORNING BREAK <i>Refreshment Areas</i>		
10:00am– 10:45am	WS3 Turning Jurors into Witnesses <i>Founders II-III</i> Craig Fries, President & CEO, Precision Simulations, Inc.	WR3 "Mad Trapper" Review <i>Speakers Room</i> John Evans, Program Manager, Canada North-West Region, Canadian Police Research Centre, & Dan Gustafson, Marketing Director, NextEngine, Inc.	
10:45am– 11:30am	WS4 3D Analysis of Video Footage <i>Founders II-III</i> Gerda Edelman & Jurrien Bijhold, Netherlands Forensic Institute	WR4 Virtual Anthropology: 3D Imaging for Human Identification & Trauma Analysis <i>Speakers Room</i> Dr. Erin H. Kimmerle, Dept. of Anthropology, Univ. of South Florida	
11:30am– 11:45am	Discussion & Review <i>Founders II-III</i>	Discussion & Review <i>Speakers Room</i>	
11:30am– 5:15pm	FSM EXHIBITS OPEN		
11:45am– 12:30pm	WS5 Measurement & Visualization of IEDs <i>Founders II-III</i> Duncan Lees, Head of 3D Services, Plowman Craven	WR5 3D Face Scanner for Forensics & Security <i>Speakers Room</i> Dirk Callaerts, President & CEO, & Nick Tesi, Vice President, Operations, Eyetronics, Inc.	

12:30pm– 2:00pm	LUNCH BREAK				
2:00pm– 2:45pm	WS6A Special Event & Venue Familiarization, Site Surveys – Lidar & Beyond (Law Enforcement & Intelligence Agencies Only) <i>Founders II</i> William McPherson, Visual Information Specialist, FBI Laboratory, Special Projects Unit	WS6B Expedient Replication: Coordinated Scanning & 3D Printing <i>Founders III</i> Rick Moore, Rapid Technologies Team Leader, R&D Engineering Command, U.S. Army	WS6C How Do We Make a Difference? Measuring the Contribution of 3D Data to Investigations & Operational Planning <i>Founders I</i> Anthony Martin & Kathryn Man-nooch, Metropolitan Police Service, London	WS6D Status of Aerial Lidar & Mobile Lidar <i>Chairmans Boardroom</i> Jim van Rens, Vice President, Riegl USA, Inc.	WR6 3D Face Recognition <i>Speakers Room</i> Anshuman Razdan, PhD, Associate Professor, Division of Computing Studies, Director of Advanced Technology Innovation Collaboratory, Director of I3DEA, Arizona State University
2:45pm– 3:00pm	Discussion & Review <i>Founders II</i>	Discussion & Review <i>Founders III</i>	Discussion & Review <i>Founders I</i>	Discussion & Review <i>Chairmans Boardroom</i>	Discussion & Review <i>Speakers Room</i>

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3:00pm– 3:30pm	AFTERNOON BREAK <i>Refreshment Areas</i>				
3:30pm– 4:15pm	WS7A 3D Face Scanner for Forensics & Security <i>Founders II</i> Dirk Callaerts, President & CEO, & Nick Tesi, Vice President, Operations, Eyetronics, Inc.	WS7B HDS Laser Scanning in Forensic Analysis – Real-World Examples <i>Founders III</i> Steven M. Schorr, President, & Hugh Borbidge, DJS Associates, Inc.	WS7C 3D Computer Animation Including Auto Accidents <i>Founders I</i> Sgt. Francisco Carrera, Illinois State Police	WS7D Serious Gaming Based on High-Precision 3D Measurements for Safety & Security <i>Chairmans Boardroom</i> William van Spanje, President & CEO, DelftTech BV / Delft Forensics	WR7 ReFace Update <i>Speakers Room</i> Dr. Peter Tu, Research Scientist, General Electric Global Research
4:15pm– 4:30pm	Discussion & Review <i>Founders II</i>	Discussion & Review <i>Founders III</i>	Discussion & Review <i>Founders I</i>	Discussion & Review <i>Chairmans Boardroom</i>	Discussion & Review <i>Speakers Room</i>
4:30pm– 5:15pm	WS8A Error Rate Determination <i>Founders II</i> Dr. H. Dale Nute, College of Criminology & Criminal Justice, Florida State University, Panama City	WS8B Four Steps in Forensic Laser Scanning <i>Founders III</i> Jörg Meixner, Z+F	WS8C ReFace Update <i>Founders I</i> Dr. Peter Tu, Research Scientist, General Electric Global Research	WS8D New Universal 3D Photogrammetry Software System with Fully Automated Image Orientation for Use in Law Enforcement <i>Chairmans Boardroom</i> Harald Krause, President, PMS Photo Mess Systeme AG	WR8 High-Accuracy 3D Scanning Technologies for Forensic Applications <i>Speakers Room</i> Michael Raphael, President, Direct Dimensions, Inc.
5:15pm– 5:30pm	Discussion & Review <i>Founders II</i>	Discussion & Review <i>Founders III</i>	Discussion & Review <i>Founders I</i>	Discussion & Review <i>Chairmans Boardroom</i>	Discussion & Review <i>Speakers Room</i>
6:00pm– Midnight	IAFSM SOCIAL EVENT				

DAY THREE – THURSDAY, MARCH 6

Breakfast on your own	
8:00am– Noon	FSM EXHIBITS OPEN
TRACK 1: SYMPOSIUM cont.	
8:00am– 8:45am	TS1 Application of 3D Laser Scanning for Shooting Reconstruction & Crime Scene Investigations <i>Founders II-III</i> Sgt. Michael Haag, Firearms Examiner, Albuquerque Police Department, & Tony Grissim, Public Safety & Forensic Account Manager, Leica Geosystems
8:45am– 9:30am	TS2 Photogrammetry of Crime Scenes <i>Founders II-III</i> Ted Chavalas, President, Panoscan, Inc.
9:30am– 9:45am	Discussion & Review <i>Founders II-III</i>
SCANNING PRACTICAL RESULTS & PANEL REVIEW <i>Founders II-III</i>	
9:45am– 10:45am	Leica & NextEngine Scanning Practical Result <i>Founders II-III</i>
10:45am– 11:00am	Panel Discussion <i>Founders II-III</i>
11:00am– 11:45am	Z+F Scanning Practical Result <i>Founders II-III</i>
11:45am– Noon	Panel Discussion <i>Founders II-III</i>
Noon– 1:00pm	LUNCH BREAK
1:00pm– 1:45pm	Riegl USA Scanning Practical Result <i>Founders II-III</i>
1:45pm– 2:00pm	Panel Discussion <i>Founders II-III</i>
2:00pm– 2:45pm	FARO & Scottsdale Police CSI Unit Scanning Practical Result <i>Founders II-III</i>
2:45pm– 3:00pm	Panel Discussion <i>Founders II-III</i>
3:00pm– 3:45pm	InteliSum Scanning Practical Result <i>Founders II-III</i>
3:45pm– 4:00pm	Panel Discussion <i>Founders II-III</i>
4:00pm– 5:00pm	MOOT COURT <i>Founders II-III</i>
5:00pm– 5:15pm	Closing Ceremonies <i>Founders II-III</i>
TRACK 2: ROUNDTABLE THINK TANK cont.	
8:00 am – 8:45 am	TR1 Cone Beam Scanner (iCAT) <i>Speakers Room</i> Joe Harms, Imaging Sciences International
8:45 am – 9:00 am	Discussion & Review <i>Speakers Room</i>
9:00 am – Noon	ROUNDTABLE THINK TANK DISCUSSION WORKING SESSIONS <i>Speakers Room</i>
1:00 pm – 4:00 pm	ROUNDTABLE THINK TANK DISCUSSION WORKING SESSIONS cont. <i>Speakers Room</i>