



Public Safety Tech Summit

December 9th -10th | A 24-hour Global Event

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1st Annual Public Safety and Forensics **Tech Summit**

FREE, 24-hour event
Begins December 9th 11 AM EST

36 expert-led sessions covering cases & topics related to crime, crash, court and latest from FARO

Live translations in **Spanish, Portuguese, German, French, Italian, Chinese, Japanese**
(based on local language time zones)

Sessions will be recorded and available in January 2021 **on-demand in 8 languages**

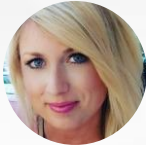
A Free, Global Event for Public Safety and Forensic Professionals

Presenters - Live Conference (via Zoom)

FREE global, 24-hour virtual summit and learn
how the world's top experts in public safety and forensics are harnessing 3D technology



Jayson Chambers
FBI



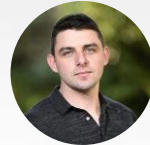
Noreen Charlton
FARO/ Past: Las Vegas
Metropolitan Police



Dr. David Errickson
Cranfield Forensic
Institute



Marcus Rowe L.C.G.I
FARO / Past: Devon and
Cornwall Police



Daniel Prewitt
FARO/ Past: Royal
Military Police



Angelos Leiloglou
Forensicviz



Dennis Sweet
FARO/ Past: Ohio BCI



Eugene Liscio
ai2-3D



Dean Pierson
FARO



Muhammad Feroz
FARO / Past: Singapore
Police Force



Carl Lakowicz
Northpoint Collision
Consultants



Brenda Butler
FARO / Past: Ohio
Attorney General's
Office



Nielson Plomp
Politie (Netherland
Police) / Replicapture



Mike Russ
San Bernardino County
Sheriff



John Sutton
FARO / US Army
Veteran



Alina Burroughs
FARO / Past: Orange
County Sheriff's Office



Dr. Malvika Mehta
The Expert Witness



Bryon O'Neil
Clackamas County
Sheriff



David Dustin
FARO / Past: Dustin
Forensics



Tori Berezowski
University of Newcastle,
Australia



Russ Boynton
FARO / Past: NH Dept of
Safety, Gilmanton
Police



Mark Johnson
Visual Law



David Thorne
Vemux

A Diverse Set of Speakers from Around The World

Registration Details

People can pre-register directly now through the
Zoom Registration Link below.



https://faro.zoom.us/webinar/register/6216044319495/WN_3n4YZDmyQJy9yolnAlMHug

Sessions Details



Sessions Times and Languages (1)



December 9th



December 10th

START TIMES

Topic	Session Description	Languages Offered	Session Length	Mexico City (CST)	New York (EST)	São Paulo (BRT)	London (GMT)	Berlin (CET)	New Delhi (IST)	Singapore (SGT)	Tokyo (JST)	Sydney (AEDT)
Grand Opening	Attend this session to kick off FARO's first Virtual Conference for Public Safety and Forensics. Here we will highlight the main events and what to expect in the next 24 hours.	ENG, SPA, POR	0:15	10:00 AM	11:00 AM	13:00	16:00	17:00	9:30 PM	0:00	1:00	3:00 AM
Public Safety and Forensics: Then & Now	Groundbreaking technology has been rapidly changing and improving the tools investigators use. In this session, industry veterans will discuss what they have seen and learned over the years, how technology in 2020 has changed the way they work, and what the future holds.	ENG, SPA, POR	0:30	10:15 AM	11:15 AM	13:15	16:15	17:15	9:45 PM	0:15	1:15	3:15 AM
Exploring New Dimension: The Many Uses of 3D Technology in Public Safety and Forensics	Over the past decade, there have been major advancements in 3D technology. In this presentation, you'll discover some exciting and unexpected uses for 3D technology, including arson and explosions, facial reconstructions, blood pattern analysis, pre-incident planning, and more.	ENG, SPA, POR	0:45	10:45 AM	11:45 AM	13:45	16:45	17:45	10:15 PM	0:45	1:45	3:45 AM
Investigation 2020	Crime Scene Investigation is one of today's most rapidly evolving fields outside of medicine. We have come a long way from magnifying glasses, pencil sketches, and tape measures. In this session, learn how cutting-edge technology will shape the future of criminal investigation.	ENG, SPA, POR	0:30	11:30 AM	12:30 PM	14:30	17:30	18:30	11:00 PM	1:30	2:30	4:30 AM
FARO Solution Showcase: What's in the Toolbox and When Best to Use It?	In this session, you will learn about the latest hardware and software products available from FARO and insight on the best scenarios to use them in.	ENG, SPA, POR	0:45	12:00 PM	1:00 PM	15:00	18:00	19:00	11:30 PM	2:00	3:00	5:00 AM

Sessions Times and Languages (2)



December 9th



December 10th

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Using 3D Data in Court: Pt 1 - Primer for Prosecutors	In this first half of "Using 3D Data in Court", you will learn how 3D scanning technology can help a jury understand the facts of a case in a clear and visual way. We'll discuss how FARO® 3D Scanners document scenes and what tools you have at your disposal when presenting your case in court.	ENG, SPA, POR	0:30	12:45 PM	1:45 PM	15:45	18:45	19:45	12:15 AM	2:45	3:45	5:45 AM
Using 3D Data in Court: Pt 2 - Guide for Investigators	In this second half of "Using 3D Data in Court", we will cover information about courtroom requirements for 3D data, the legality of utilizing it in court, best practices for trial, and securing 3D data from tampering. You will also hear an investigator's perspective on submitting and presenting 3D data in the trial.	ENG, SPA, POR	0:30	1:15 PM	2:15 PM	16:15	19:15	20:15	12:45 AM	3:15	4:15	6:15 AM
The use of Laser Scanners in Major Incidents	Documenting and processing a major incident like a mass shooting or terror attack is complex and challenging. Join this session to learn how 3D technology, like laser scanners, can virtually transport jurors to the scene, helping them see the entire picture to make an informed decision based on findings.	ENG, SPA, POR	0:30	1:45 PM	2:45 PM	16:45	19:45	20:45	1:15 AM	3:45	4:45	6:45 AM
Lessons Learned from Presenting Scanning Data in Court	Mr. Johnson will present several examples from cases in which Visual Law Group has introduced 3D data for criminal and civil proceedings. He will also discuss tactics that make the data effective in court and a useful tool for deliberations within the jury room.	ENG, SPA, POR	0:40	2:15 PM	3:15 PM	17:15	20:15	21:15	1:45 AM	4:15	5:15	7:15 AM

Sessions Times and Languages (3)



December 9th



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Intermission	A brief intermission as we transition to the portion of the conference that will be in English and Spanish	ENG, SPA, POR	0:05	2:55 PM	3:55 PM	17:55	20:55	21:55	2:25 AM	4:55	5:55	7:55 AM
LAB: How to Create Effective Courtroom Exhibits from 3D Data	In this session, you will learn how to create visual materials to use in court. We will cover how to create overview maps of a scene, fly-through videos, secure, shareable files that can be viewed through SCENE 2go, and more.	ENG, SPA	1:00	3:00 PM	4:00 PM	18:00	21:00	22:00	2:30 AM	5:00	6:00	8:00 AM
3D Technologies for Blood Pattern Analysis	In this session, see how 3D tech is applied to blood pattern analysis. Current research and testing results will be presented with attention to overall documentation, complex cast-f stains, multiple surfaces, and workflows using different techniques that will be covered.	ENG, SPA	0:45	4:00 PM	5:00 PM	19:00	22:00	23:00	3:30 AM	6:00	7:00	9:00 AM
The ABCs of SOP and Accreditation	In this session, learn what processes and procedures look like for incorporating technology like laser scanners in an agency. Walk away with an understanding of things to consider, how to approach this process, and the steps involved with implementing SOPs or seeking accreditation.	ENG, SPA	0:30	4:45 PM	5:45 PM	19:45	22:45	23:45	4:15 AM	6:45	7:45	9:45 AM

Sessions Times and Languages (4)



December 9th



December 10th

START TIMES

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JFK Assassination: What Modern Forensic Reconstructions Reveal	In this session, see the forensic analysis of the evidence and reconstruction of the assassination of JFK. Hear from forensic experts Angelos Leiloglou and Mark Johnson on what they uncovered in their reconstruction of the shooting testing the Warren Commission's famous "Single Bullet Theory."	ENG, SPA	0:45	5:15 PM	6:15 PM	20:15	23:15	0:15	4:45 AM	7:15	8:15	10:15 AM
Intermission	A brief intermission as we transition to the portion of the conference that will be in English, Chinese and Japanese	ENG, SPA, ZHO, JPN	0:15	6:00 PM	7:00 PM	21:00	0:00	1:00	5:30 AM	8:00	9:00	11:00 AM
Piecing the Puzzle: Bringing Laser Scanners, Drones and Photogrammetry Together in Reconstructing Accidents and Shootings Captured on Video	Proper scientific analysis of videos is vital to reconstructing incidents accurately. In this presentation, Angelos Leiloglou will share some cases whereby merging point cloud data from different sources with laser scan data made it possible to reconstruct the incident and see the full picture accurately.	ENG, ZHO, JPN	0:45	6:15 PM	7:15 PM	21:15	0:15	1:15	5:45 AM	8:15	9:15	11:15 AM
Case Review of Officer Involved Fatal Shooting Incident: Reconstruction & Analysis	Critical incidents like officer-involved shootings need to be investigated thoroughly and in a way that provides accurate details of what occurred when. In this session, Mr. O'Neil will review a case where laser scanners and forensic software were used to document and analyze the scene in 3D.	ENG, ZHO, JPN	0:30	7:00 PM	8:00 PM	22:00	1:00	2:00	6:30 AM	9:00	10:00	12:00 PM

Sessions Times and Languages (5)



December 9th



December 10th

START TIMES

Topic	Session Description	Language s Offered	Session Length	Mexico City (CST)	New York (EST)	São Paulo (BRT)	London (GMT)	Berlin (CET)	New Delhi (IST)	Singa- pore (SGT)	Tokyo (JST)	Sydney (AEDT)
Under the Hood: Momentum Analysis in Crash Reconstruction	Vehicle crash reconstructionists are relied upon to determine what happened in a crash and why it happened. In this session, learn how you can leverage FARO Zone tools to bring in data for this analysis from different sources, such as total stations, laser scanners, EDR systems, or drones.	ENG, ZHO, JPN	0:45	7:30 PM	8:30 PM	22:30	1:30	2:30	7:00 AM	9:30	10:30	12:30 PM
Case Review: Finding Who's at Fault Months after a Collision	In this case, follow Mr. Lakowicz as he walks through an intersection crash and how he was able to use a FARO 3D Laser Scanner, FARO Scene, and FARO Zone 3D Advanced software to scientifically and forensically recreate the scene and events leading up to the crash in a 2D and 3D animation series.	ENG, ZHO, JPN	0:30	8:15 PM	9:15 PM	23:15	2:15	3:15	7:45 AM	10:15	11:15	1:15 PM
3D Documentation of a Clandestine Grave: A Comparison Between Manual and 3D Digital Methods	A clandestine grave or burial can be defined by the process of concealing a body in the ground. Crime scenes wherein a clandestine grave is located are unique. They require a specialized set of techniques and tools to excavate, document, and recover the human remains and any associated evidence buried in the grave. This session will review a comparison of manual methods, laser scanners, and structured light scanners.	ENG, ZHO, JPN	0:30	8:45 PM	9:45 PM	23:45	2:45	3:45	8:15 AM	10:45	11:45	1:45 PM
LAB: Creating Compelling 2D & 3D Deliverables from Photos	Join us to learn what you can do with FARO Zone 3D and discover how to create different deliverables created from a single photograph – even if you don't use a Laser Scanner. Participants will learn how to create four different 2D and 3D deliverables from one single image, all from FARO Zone 3D Software.	ENG, ZHO, JPN	1:00	9:15 PM	10:15 PM	0:15	3:15	4:15	8:45 AM	11:15	12:15	2:15 PM

Sessions Times and Languages (6)



December 9th



December 10th

START TIMES

Topic	Session Description	Language s Offered	Session Length	Mexico City (CST)	New York (EST)	São Paulo (BRT)	London (GMT)	Berlin (CET)	New Delhi (IST)	Singa- pore (SGT)	Tokyo (JST)	Sydney (AEDT)
Using 3D Data in Court: Pt 1 - Primer for Prosecutors	In this first half of "Using 3D Data in Court", you will learn how 3D scanning technology can help a jury understand the facts of a case clearly and visually. We'll discuss how FARO® 3D Scanners document scenes and what tools you have at your disposal when presenting your case in court.	ENG, ZHO, JPN	0:30	10:15 PM	11:15 PM	1:15	4:15	5:15	9:45 AM	12:15	13:15	3:15 PM
Using 3D Data in Court: Pt 2 - Guide for Investigators	In this second half of "Using 3D Data in Court", we will cover information about courtroom requirements for 3D data, the legality of utilizing it in court, best practices for trial, and securing 3D data from tampering. You will also hear an investigator's perspective on submitting and presenting 3D data in the trial.	ENG, ZHO, JPN	0:30	10:45 PM	11:45 PM	1:45	4:45	5:45	10:15 AM	12:45	13:45	3:45 PM
LAB: How to Create Effective Courtroom Exhibits from 3D Data	In this session, you will learn how to create visual materials to use in court. We will cover how to create overview maps of a scene, fly-through videos, secure, shareable files that can be viewed through SCENE 2go and more.	ENG, ZHO, JPN	1:00	11:15 PM	12:15 AM	2:15	5:15	6:15	10:45 AM	13:15	14:15	4:15 PM
Military Applications for 3D Scanners	The military uses 3D data capture for various applications from investigations, tunnel mapping, sensitive site exploitation, mission planning, search and rescue, and more. Hear from former military personnel how 3D scanners are used and what value they bring to military applications.	ENG, ZHO, JPN	0:30	12:15 AM	1:15 AM	3:15	6:15	7:15	11:45 AM	14:15	15:15	5:15 PM

Sessions Times and Languages (6)



December 10th

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Investigation 2020	Crime Scene Investigation is one of today's most rapidly evolving fields outside of medicine. We have come a long way from magnifying glasses, pencil sketches, and tape measures. In this session, learn how cutting-edge technology will shape the future of criminal investigation.	ENG, ZHO, JPN	0:30	12:45 AM	1:45 AM	3:45	6:45	7:45	12:15 PM	14:45	15:45	5:45 PM
Intermission	A brief intermission as we transition to the portion of the conference that will be in English, Chinese, French, German, Italian, Japanese, Portuguese, Spanish	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:15	1:15 AM	2:15 AM	4:15	7:15	8:15	12:45 PM	15:15	16:15	6:15 PM
FARO Solution Showcase: What's in the Toolbox and When Best to Use It?	In this session, you will learn about the latest hardware and software products available from FARO and insight on the best scenarios to use them in.	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:45	1:30 AM	2:30 AM	4:30	7:30	8:30	1:00 PM	15:30	16:30	6:30 PM
Practical Tools for Collision Investigations and Reconstructions	In this session, a former crash reconstructionist will review powerful yet practical tools for collision investigations and reconstructions in FARO Zone. See how you can bring data from multiple sources from hand measurements, total station, laser scanners, drones, and EDR Systems.	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:45	2:15 AM	3:15 AM	5:15	8:15	9:15	1:45 PM	16:15	17:15	7:15 PM

Sessions Times and Languages (7)



December 10th

START TIMES

Topic	Session Description	Languages Offered	Session Length	Mexico City (CST)	New York (EST)	São Paulo (BRT)	London (GMT)	Berlin (CET)	New Delhi (IST)	Singapore (SGT)	Tokyo (JST)	Sydney (AEDT)
Exploring New Dimension: The Many Uses of 3D Technology in Public Safety and Forensics	Over the past decade, there have been major advancements in 3D technology. In this presentation, you'll discover some exciting and unexpected uses for 3D technology, including arson and explosions, facial reconstructions, blood pattern analysis, pre-incident planning, and more.	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:40	3:00 AM	4:00 AM	6:00	9:00	10:00	2:30 PM	17:00	18:00	8:00 PM
The Uses of 3D Evidence in Court and the Effect on Jurors	Leveraging visual mediums like 3D reconstructions or 3D printed objects in court can improve comprehension of the case or defuse emotionally-charged evidence. In this session, learn how 3D imaging technology can be used in court and its effect on jurors.	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:30	3:40 AM	4:40 AM	6:40	9:40	10:40	3:10 PM	17:40	18:40	8:40 PM
Intermission	A brief intermission as we transition to the portion of the conference that will be in English, French, German, Italian, Portuguese, Spanish	ENG, SPA, POR, DEU, ITA, FRA, ZHO, JPN	0:05	4:10 AM	5:10 AM	7:10	10:10	11:10	3:40 PM	18:10	19:10	9:10 PM
3D Reconstruction of Crime Scenes: A Comparative Study Between 3D Laser Scanning and Photogrammetry Techniques	Newer 3D imaging technologies, including photogrammetry and 3D laser scanning, provide flexibility and reproducibility for taking measurements to accurately and fully document a crime scene. In this session, Dr. Mehta will review the advantages and limitations of photogrammetry and laser scanning.	ENG, SPA, POR, DEU, ITA, FRA	0:30	4:15 AM	5:15 AM	7:15	10:15	11:15	3:45 PM	18:15	19:15	9:15 PM

Sessions Times and Languages (8)



December 10th



December 11th

START TIMES

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Military Applications for 3D Scanners	The military uses 3D data capture for various applications from investigations, tunnel mapping, sensitive site exploitation, mission planning, search and rescue, and more. Hear from former military personnel how 3D scanners are used and what value they bring to military applications.	ENG, SPA, POR, DEU, ITA, FRA	0:30	4:45 AM	5:45 AM	7:45	10:45	11:45	4:15 PM	18:45	19:45	9:45 PM
LAB: Creating Compelling 2D & 3D Deliverables from Photos	Join us to learn what you can do with FARO Zone 3D and discover how to create different deliverables created from a single photograph – even if you don't use a Laser Scanner. Participants will learn how to create four different 2D and 3D deliverables from one single image, all from FARO Zone 3D Software.	ENG, SPA, POR, DEU, ITA, FRA	1:00	5:15 AM	6:15 AM	8:15	11:15	12:15	4:45 PM	19:15	20:15	10:15 PM
Bullet Proof - The Use of 3D in Shooting Reconstructions	Shooting incidents bring up many complex questions. In this session, discover how 3D devices are used in multidisciplinary shooting reconstructions to answer these questions by incorporating bullet trajectory, witness perspective, positional, height, and blood pattern analysis.	ENG, SPA, POR, DEU, ITA, FRA	0:45	6:15 AM	7:15 AM	9:15	12:15	13:15	5:45 PM	20:15	21:15	11:15 PM
More than Meets the Eye: How 3D Tech Can Be Used to Avoid Misleading Video Evidence	In this session, learn about tools available to investigators to ensure video footage is analyzed correctly and review cases where video footage was merged with 3D scanner data to show the true and accurate view of the scene and sequence of events.	ENG, SPA, POR, DEU, ITA, FRA	0:30	7:00 AM	8:00 AM	10:00	13:00	14:00	6:30 PM	21:00	22:00	12:00 AM

Sessions Times and Languages (9)



December 10th



December 11th

START TIMES

Topic	Session Description	Languages Offered	Session Length	Mexico City (CST)	New York (EST)	São Paulo (BRT)	London (GMT)	Berlin (CET)	New Delhi (IST)	Singapore (SGT)	Tokyo (JST)	Sydney (AEDT)
Lessons Learned from Presenting Scanning Data in Court	Mr. Johnson will present several examples from cases in which Visual Law Group has introduced 3D data for criminal and civil proceedings. He will also discuss tactics that make the data effective in court and a useful tool for deliberations within the jury room.	ENG, SPA, POR, DEU, ITA, FRA	0:45	7:30 AM	8:30 AM	10:30	13:30	14:30	7:00 PM	21:30	22:30	12:30 AM
Piecing the Puzzle: Bringing Laser Scanners, Drones and Photogrammetry Together in Reconstructing Accidents and Shootings Captured on Video	Proper scientific analysis of videos is vital to reconstructing incidents accurately. In this presentation, Angelos Leiloglou will share some cases whereby merging point cloud data from different sources with laser scan data made it possible to reconstruct the incident and see the full picture accurately.	ENG, SPA, POR, DEU, ITA, FRA	0:45	8:15 AM	9:15 AM	11:15	14:15	15:15	7:45 PM	22:15	23:15	1:15 AM
JFK Assassination: What Modern Forensic Reconstructions Reveal	In this session, see the forensic analysis of the evidence and reconstruction of the assassination of JFK. Hear from forensic experts Angelos Leiloglou and Mark Johnson on what they uncovered in their reconstruction of the shooting testing the Warren Commission's famous "Single Bullet Theory."	ENG, SPA, POR, DEU, ITA, FRA	0:45	9:00 AM	10:00 AM	12:00	15:00	16:00	8:30 PM	23:00	0:00	2:00 AM
Closing	Join this session to close out FARO's first Virtual Conference for Public Safety and Forensics. We'll recap the major highlights and key findings from the past 24 hours of incredible sessions. Don't miss out!	ENG, SPA, POR, DEU, ITA, FRA	0:15	9:45 AM	10:45 AM	12:45	15:45	16:45	9:15 PM	23:45	0:45	2:45 AM

Post Conference (On-Demand Videos)

Making the 24-hours event available 24/7

Sessions will be recorded and available as **on-demand** sessions through **present4D**, then able to explore the scenes and sessions through **any web browser**. This will be released and promoted starting in **Jan. 2021** with all sessions available to view in English, Spanish, Portuguese, German, French, Italian, Chinese, and Japanese

