

CSFS 2021 VIRTUAL CONFERENCE SCHEDULE

Please note that all times listed are in [Toronto, Ontario, Canada time](#)

TIME (EDT)	MONDAY, JUNE 21		TUESDAY, JUNE 22		WEDNESDAY, JUNE 23		THURSDAY, JUNE 24		
09:00-09:25			Walter MARTZ Doctor, Do You Know She Was a Snorer for Her Entire Life?	REC	Sören KOTTNER The VirtoScan Project: Automated 3D Whole-Body Documentation	REC	Valerie BLACKMORE Building Forensic Capacity in the West Bank to End Violence Against Women	LIVE	
09:25-09:30			5-MINUTE BREAK						
09:30-09:55			Caroline GIBB Development of Next Generation Fingerprint Experts: Enhancing Perceptual Expertise Through e-Learning and Gamification	LIVE	Sarabjit SINGH Next Generation DNA Breakthrough: A Case Presentation on the Importance of Digital Penetration in Sexual Assault Case	LIVE	Brad JOICE Multiple Victim Shooting Investigation	LIVE	
09:55-10:00			5-MINUTE BREAK						
10:00-12:00			PLENARY SPEAKER #1 Jonathan W. HAK, Q.C. The Pedagogical Expert Witness: Teaching Complex Science in the Courtroom*	LIVE	PLENARY SPEAKER #2 Dr. Bruce BUDOWLE Advances in Forensic DNA Technologies*	LIVE	PLENARY SPEAKER #3 Prof. Christophe CHAMPOD The ENFSI Guideline for Evaluative Reporting: Origin, Current Status and Implementation*	LIVE	
12:00-12:10			10-MINUTE BREAK						
12:10-12:30			VENDOR PRESENTATION #1 FARO Technologies Forensic Tech Update from FARO	LIVE	VENDOR PRESENTATION #3 QIAGEN The Next Generation of "EZ" Sample Processing: Introducing the EZ2 Connect FX	LIVE	VENDOR PRESENTATION #5 Nikon Canada Nikon Mirrorless Advantage	LIVE	
12:30-12:35			5-MINUTE BREAK						
12:35-12:55	WELCOME MESSAGE (at 12:50) Kimberly NUGENT	LIVE	VENDOR PRESENTATION #2 Foster+Freeman The Evolution of Alternate Light Sources	REC	VENDOR PRESENTATION #4 VWR, part of Avantor Avantor's Life Science Solutions for Forensic DNA	REC	VENDOR PRESENTATION #6 West Technology Forensics Forensic Vacuum Metal Deposition (VMD) - Latent Print Development on Fabric	REC	
12:55-13:00	5-MINUTE BREAK								
13:00-13:30	KEYNOTE SPEAKER Prof. Shari FORBES Bodies of Knowledge: The Importance of Human Decomposition Facilities*	LIVE	Kona WILLIAMS A First Nations Forensic Pathologist: Journeys Through Life and Death	LIVE	Ian ST-LAURENT Class Characteristics: An Underestimated Evidence	REC	Yahaya Sumara SULLY The State of Forensic Support to Criminal Investigations in Ghana	REC	
13:30-13:35			5-MINUTE BREAK						
13:35-14:05			Caroline WILKINSON Facial Depiction from Human Remains and Confirmation Bias	LIVE	Geoffrey DESMOULIN Modelling Human Motion: When? Who? and Why?	LIVE	Annalisa LACALAMITA The Effects of the Recover LFT Technique on Firearms Examinations	LIVE	
14:05-14:10	5-MINUTE BREAK								
14:10-14:40	Kelly COULOMBE The National Missing Persons DNA Program	REC	Edward NORDSKOG Link Analysis and Forensics on Serial Arson Cases	REC	Trudy BENNETT Captured on Home Surveillance Video: A Bloodstain Pattern Analysis Case Study	REC	Marina CHAREST Constitution of a Structured Knowledge Database (BDATT-TTADB) for the Interpretation of Transfer Traces at Activity Level in Forensic Science**	LIVE	
14:40-14:45	5-MINUTE BREAK								
14:45-15:15	Barbara ERICKSON Evolution of Automated DNA Normalization and Short Tandem Repeat Amplification Set Up at the Centre of Forensic Sciences	REC	Romain VOLERY Forensic Profiling of False Identity Documents: Application in the Province of Quebec	LIVE	Theresa STOTESBURY Expanding the Utility of Bloodstained Evidence in Crime Scene Investigation	LIVE	ANNUAL GENERAL MEETING (Virtual)	LIVE	
15:15-15:20	5-MINUTE BREAK								
15:20-15:50	Vanessa GOODALL Engender Change: Transforming Culture in the Australia and New Zealand Forensic Community	REC	Carolyne BIRD Collaboration and Cooperation: A World of Opportunities	REC	Anna HEAVEY Quality Issues in Forensic Science: Developing the Foundation for Categorization and Disclosure Standards	REC			
15:50-16:00	10-MINUTE BREAK								
16:00-17:00	POSTER SESSION #1	LIVE	POSTER SESSION #2	LIVE	NETWORKING EVENT	LIVE			

LIVE Live presentation
REC Pre-recorded presentation

*Live English to French interpretation will be available.
 **Live French to English interpretation will be available.

Schedule Subject to Change
 Last Updated: June 22, 2021

CSFS 2021 Virtual Conference

Poster Session #1 - Monday, June 21, 2021 from 16:00-17:00 EDT

Discipline	Presentation Title (<i>Co-authors; * denotes presenter</i>)	Room
Anthropology / Taphonomy	Assessing the Age of Adult European Os Coxae Using Machine Learning and 3D Point Cloud Data (<i>Eman Faisal*</i> ; <i>Étienne Pillin</i> ; <i>Jessica Lam</i>)	1
	Virtual Anthropology? Reliability of Three-Dimensional Photogrammetry as a Forensic Anthropology Measurement and Documentation Technique (<i>Rita Omari*</i> ; <i>Cahill Hunt</i> ; <i>John Coumbaros</i> ; <i>Brendan Chapman</i>)	2
Biology / Entomology	Development of Novel Functional Hydrogel Materials with Application to Forensic Science (<i>Amanda Orr*</i> ; <i>Paul Wilson</i> ; <i>Theresa Stotesbury</i>)	3
	DNA Preservation in Skeletal Remains Recovered in British Columbia: Evaluation and Recommendations for Optimization (<i>Andrea Bernard*</i> ; <i>Laura Yazedjian</i> ; <i>Jason Moore</i>)	4
	Forensic DNA Phenotyping: As Good as it Seems? (<i>Audrée Gareau-Léonard*</i> ; <i>Vincent Mousseau</i> ; <i>Frank Crispino</i> ; <i>Emmanuel Milot</i>)	5
	Forensic Entomology in Quebec: The First Data on Arthropods Associated with Decomposed Bodies in the Summer Season (<i>Julie-Éléonore Maisonhaute*</i> ; <i>Shari Forbes</i>)	6
	DNA Prevalence and Persistence: Comparing DNA Deposition Between a Habitual Item Handler and Subsequent One-Time Handler on Items Routinely Considered for Forensic DNA Analysis (<i>Kirsty Atkinson*</i> ; <i>Hilary Arsenault</i> ; <i>Christian Taylor</i> ; <i>Jonathan Millman</i>)	7
	Comparative Evaluation of RapidHIT ID and ANDE (<i>Soulbee Jin*</i> ; <i>Sara Kilmury</i> ; <i>Renata Dziak</i> ; <i>Diana Komonski</i>)	8
Chemistry	Newly Commercialised Recycled Paints: Are They as Variable as They Seem? (<i>Laurianne Huard*</i> ; <i>Cyril Muehlethaler</i>)	9
	Forensic Electrochemistry: Application of Differential Pulse Voltammetry in the Analysis of Time Since Deposition (TSD) of Bloodstains Created on Glassy Carbon Electrodes (<i>Mitchell Tiessen*</i> ; <i>Holly Fruehwald</i> ; <i>Wesley Burr</i> ; <i>Bradley Easton</i> ; <i>Theresa Stotesbury</i>)	10
	Development of Portable Surface-Enhanced Raman Spectroscopy (SERS) for the Detection and Identification of Chemical Traces in the Field (<i>Samuel Daviau*</i> ; <i>André Lajeunesse</i> ; <i>Cyril Muehlethaler</i>)	11
Education	Assessing the Effectiveness of Concept Maps within a Transdisciplinary Field (<i>Tajharae Jarrett*</i> ; <i>Vivienne Luk</i> ; <i>Dianne Ashbourne</i>)	12
	The Application of Cross-course Collaboration Between Forensic Identification and Forensic Chemistry (<i>Yiyan Wu*</i> ; <i>Agata Gapinska-Serwin</i> ; <i>Vivienne Luk</i>)	13

CSFS 2021 Virtual Conference

Discipline	Presentation Title (<i>Co-authors; * denotes presenter</i>)	Room
Forensic Identification / Bloodstain Pattern Analysis	Defining Patterns and Behaviours of Forward Spatter Gunshot Misting (<i>Bianca Ledo*</i> ; <i>Eugene Liscio</i>)	14
	Testing Various Fingerprint Powders to Assess the Persistence of Fingerprints in Extreme Weather Conditions (<i>Marina Halim*</i> ; <i>David Warrington</i>)	15
	Passive Drip Stain Formation on Ice Cold Surfaces (<i>Priya Kundan*</i> ; <i>Theresa Stotesbury</i>)	16
	Reconstruction of Cast-off Bloodstain Patterns (<i>Scott McCleary*</i> ; <i>Eugene Liscio</i> ; <i>Kris De Brabanter</i> ; <i>Daniel Attinger</i>)	17
Law	COVID-19 and the Courtroom: Exploring the Effects of Camera Angle on Jury Perception of Expert Witness Credibility During Virtual Testimony (<i>Megan Rodrigues*</i> ; <i>Elena Temelkova*</i> ; <i>Jessica Holtz*</i> ; <i>Samantha Chui*</i> ; <i>Brianna Legere*</i> ; <i>Caitlin Pakosh</i>)	18
Medical	Misdiagnosis of a Primary Vaginal Stone Leading to a Suspicion of Sexual Assault in a Heavily Disabled Woman (<i>Anja Kerschen*</i> ; <i>Selda Aydin</i> ; <i>Etienne Marbaix</i> ; <i>Vincent Gérin</i> ; <i>Vincent Haufroid</i> ; <i>Michel Daudon</i> ; <i>Jessica Vanhaebost</i>)	19
	Opioid-related Deaths in Ontario's Incarcerated Population (<i>Lourdes Button*</i> ; <i>Christina Lamparter</i> ; <i>Andrew Williams</i> ; <i>Karen Woodall</i>)	20
Psychology	From Online Personas to Mass Murderers: The Incel Ideology and the Struggles of Mental Health (<i>Eva Ip*</i> ; <i>Steen Hartsen</i>)	21
Toxicology	Conversion of Headspace GC-FID Analysis from Helium to Nitrogen as Carrier Gas (<i>Celeste Owen*</i> ; <i>Mike Whiteside</i>)	22
	Characterization of Analysis of Selected Stimulant Drugs in Dried Blood Spots by UPLC-QTOF-HRMS (<i>Kirk Unger*</i> ; <i>James Watterson</i>)	23
	Incidence of Drugs and Alcohol in Sexual Assault Investigations in Ontario, 2015-2019 (<i>Jessica Penner*</i> ; <i>Karen Woodall</i> ; <i>Carla Robinson</i>)	24

CSFS 2021 Virtual Conference

Poster Session #2 - Tuesday, June 22, 2021 from 16:00-17:00 EDT

Discipline	Presentation Title (<i>Co-authors; * denotes presenter</i>)	Room
Anthropology / Taphonomy	The Quantification of Force from Incisions on Pig Rib Bones Using 3D Microscopy (<i>Cathy Tran*</i> ; <i>Eugene Liscio</i>)	1
	Identification of Scavenging Guilds of Forensic Importance in Southern Quebec (<i>Frédérique Ouimet*</i> ; <i>Karelle Séguin*</i> ; <i>Ariane Durand-Guévin</i> ; <i>Catherine Lavallée</i> ; <i>Shari Forbes</i>)	2
Biology / Entomology	Assessment of DNA Sampling Practices for Bloodstained Fingernail Clippings at the Centre of Forensic Sciences (<i>Paulina Mickiewicz</i> ; <i>Amy Peneder*</i>)	3
	The Decomposition and Dipteran Colonization of Domestic Pigs in Southern Ontario (<i>Angela Skopyk*</i> ; <i>Hélène N. LeBlanc</i>)	4
	A Diagnostic Relationship Between the RNA Integrity Number Equivalent and Time Since Deposition of Blood (<i>Colin Elliott*</i> ; <i>Theresa Stotesbury</i> ; <i>Aaron Shafer</i>)	5
	Non-destructive, Rapid Differentiation of Sexual Assault Cell Types Utilizing Morphological and Autofluorescence Signatures (<i>Taylor Moldenhauer</i> ; <i>Sonja Stadler</i> ; <i>Cory Steinberg*</i> ; <i>Jonathan Millman</i> ; <i>Christopher Ehrhardt</i>)	6
	Investigating Linkages Between Volatile Organic Compounds (VOCs), Total Body Scoring (TBS), and the Stages of Decomposition in Adult Pigs (<i>Jerika Ho*</i> ; <i>Angela Skopyk</i> ; <i>Hélène LeBlanc</i>)	7
	Reliability of HirisPlex Webtool for DNA Phenotyping Purposes for Degraded DNA Samples (<i>Ronak Hassani Nejad*</i> ; <i>Steen Hartsen</i> ; <i>Jason Moore</i>)	8
Chemistry	A Critical Analysis of Temperature Variation in Relation to Urban Microclimates and the Post-Mortem Interval (<i>Sarah Bird*</i> ; <i>Tracy Oost</i>)	9
	Suspicious Deaths: Comparison and Evaluation of Needle Traces in I.V. bags (<i>Anthony Breton*</i> ; <i>Laurianne Huard*</i> ; <i>Cyril Muehlethaler</i>)	10
	Volatile Organic Compounds Released from Degrading Bloodstains Created Using SPME-GC-MS (<i>Maryam Fakhori*</i> ; <i>Theresa Stotesbury</i>)	11
	Presumptive Colorimetric Testing for Drugs And Metabolites (<i>Peyton McClelland*</i> ; <i>Josephine Esposto</i> ; <i>Sanela Martić</i>)	12
Digital	Anti-Forensic Tools vs. Forensic Tools (<i>Rachit Chawla*</i> ; <i>Steen Hartsen</i>)	13
Education	ADAPT (Advancing Development in Academic Pedagogical Tools): Guidelines with Worked Example for Method Optimization: Reducing the Learning Curve (<i>Advikaa Dosajh*</i> ; <i>Vivienne Luk</i>)	14
	Design and Development of Remote Laboratories for Forensic Toxicology (<i>Sanela Martić*</i>)	15

CSFS 2021 Virtual Conference

Discipline	Presentation Title (<i>Co-authors; * denotes presenter</i>)	Room
Forensic Identification / Bloodstain Pattern Analysis	A Comparison of Four Methods for Latent Print Visualization on Unfired and Fired Brass Cartridges (<i>Helen Kolodziejczyk*</i> ; <i>Kelly Canning</i> ; <i>David Warrington</i>)	16
	Recovering Latent Fingerprints in Freezing Temperatures (<i>Joshua Wong*</i> ; <i>Clayton Asano</i>)	17
	Investigating Methods of Recovering DNA from Blood Deposited in Snow (<i>Madison Biggin*</i> ; <i>Nicole Novroski</i> ; <i>Irv Albrecht</i>)	18
	Accuracy Study of Complex Cast-off Bloodstain Patterns Using FARO Zone 3D (<i>Nathaniel Paquet*</i> ; <i>Eugene Liscio</i>)	19
Intelligence Analysis	Mapping White Supremacy through Visual Manifestations of Hate (<i>Stephanie Wintrup*</i>)	20
Medical	<u>WITHDRAWN</u> – Differences Between Male and Female Suicide and Self-Harm Behaviour Among Ontario Adolescents: A 5-Year Retrospective Study (<i>Jasmin Orr*</i> ; <i>Christopher Ball</i> ; <i>Victoria Snowdon</i> ; <i>Julie Erbland</i>)	21
Toxicology	Modernizing Case Workflow: “FASTER” Delivery of Toxicology Results at the Centre of Forensic Sciences (<i>Karlie Marshall*</i> ; <i>Mathew Gibb</i> ; <i>Aileen Lu</i>)	22
	Identifying Characteristics of Cannabis Impairment During Drug Recognition Expert (DRE) Evaluations (<i>Rachel Ram*</i> ; <i>Karen Woodall</i> ; <i>Reed Holland</i>)	23
	The Effect of Preservative and Storage Temperature on <i>In Vitro</i> Formation of Gamma-hydroxybutyrate (GHB) in Antemortem Blood (<i>Stephanie Kolodij*</i> ; <i>Zachary Currie</i> ; <i>Doina Roman</i> ; <i>Mike Whiteside</i>)	24