





## Tuesday 2 November 2021















🕒 12:00	<b>Keynote presentations</b>	👤 Bryn Hughes (Chair)
	Chief Executive, Dstl, UK	👤 Doug Umbers
	Minister of State, MOD, UK	👤 Baroness Goldie
	Director-General, OPCW	👤 H.E. Ambassador Fernando Arias
	Assistant Secretary of Defense (NCB), DOD, US	👤 The Hon. Deborah Rosenblum
	<i>Break and networking</i>	
🕒 13:20	<b>CW destruction updates</b>	👤 Bryn Hughes (Chair)
	Progress on Chemical Weapons Destruction	👤 Sven Devroe
	PEO ACWA Program Update	👤 Michael Abaie
	Japan's ACW Destruction Projects in China - Progress and Challenges Ahead	👤 Hironori Hara
	Destruction of Japanese Abandoned Chemical Weapons: Progress and Challenges	👤 Jiwei Liu
🕒 14:00	Q&A	
🕒 14:15	Close	



## Wednesday 3 November 2021



🕒 12:00	<b>Technical presentations</b>	👤 Tim Blades (Chair)
	Implementation of the Rocket Warhead Containerization System (RWCS) at the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP)	👤 Timothy Garrett
	Castalia High Throughput Chemical and Conventional Demilitarization System	👤 Steve Thompson
	DAVINCH Operations Updates 2021	👤 Ayumu Kuriyama
	The Dynasafe Static Detonation Chamber - SDC 2000 C - The New Generation	👤 Thomas Stock 👤 Charles Diggs 👤 Risto Viinikka
	Using Reduction Chemistry for Producing RNG and Hydrogen Fuel From Carbon Based Waste Materials	👤 Joseph Asahina
12:50	Q&A	
 13:05	<i>Break and networking</i>	

 <b>Wednesday 3 November 2021</b>		
 13:20	<b>Poster session</b>	 Abu Talib (Chair)
	Projects Perses and Blackdog	 Steven Kennon
	Toxic Agent Remotely Deployable Incineration System, TARDIS	 Ambrose Buchanan
	Tick-Vampire Man Portable Demilitarization System	 Steve Thompson
	Catch the ChemBio SCENT! (call for proposals)	 Graeme Clark
	Sampling and Analysis of Chemical Weapons Using Thermal Desorption GC/MS: Improving Identification, Throughput and Reliability	 Caroline Widdowson
	Ultra-sensitive Detection of Chemical Threats by Atmospheric Pressure Chemical Ionization Mass Spectrometry	 HJ Jost
	Truly Hand-held Raman for Chemical Threat Identification: Simplicity-Speed-Precision	 Johan Raneke
	Chemical Security Perspective in Crisis Management: Project STRATEGY	 Luís Carvalho
 14:00	Q&A	
 14:15	<i>Close</i>	

 <b>Thursday 4 November 2021</b>		
 12:00	<b>Emerging risks</b>	 Jonathan Forman (Chair)
	The New Face of Chemical Weapons: Where Do We Go From Here?	 Rebecca Hersman
	Future Trajectories: Geopolitical Scenarios for Future Demilitarisation Efforts	 Dan Kaszeta
12:30	Q&A	
 12:45	<i>Break and networking</i>	



## Thursday 4 November 2021

🕒	13:00	<b>Chemical forensics and analysis</b>	👤 Chris Timperley (Chair)
		CBR Forensic Investigation	👤 Ed van Zalen
		The Forensic Science Center at LLNL: Research, Forensics, Training, and Operational Support	👤 Audrey Williams
		The Use of Observables to Determine the Presence or Use of Toxic Chemicals	👤 Peter Hotchkiss
		DIY Production of HCN: An Insight into Dstl's Analytical Response	👤 Ankit Patel Gail Harrison
	13:40	Q&A	
🕒	13:55	<b>CWD 2021: Closing remarks</b>	👤 Stuart Perkins
🕒	14:10	<i>Close</i>	