



## Awareness and Localization of Explosives-Related Threats (ALERT)

*ALERT is an emeritus Department of Homeland Security (DHS)  
Science and Technology (S&T) Directorate Center of Excellence  
at Northeastern University, Boston, Massachusetts*

### **Advanced Developments Encompassing Processes and Technologies for Customs and Border Protection (CBP-ADEPT-03): Creating Effective Engagements with CBP Virtual Workshop**

November 16, 2021, 11:00 AM - 2:00 PM ET

November 17, 2021, 11:00 AM - 1:35 PM ET

Networking, 10:30 - 11:00 AM ET

WebEx Meetings  
Links and passwords to be emailed

## **AGENDA**

**Subject to Change**

### **Tuesday, November 16, 2021 - Day 1**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
10:30 AM	<b>Early Arrival and Networking</b>	
11:00 AM		<b>Introductions</b>
11:00 AM	Welcoming Remarks and ALERT	<b>Michael Silevitch</b> <i>Director Northeastern University / ALERT</i>
		<b>Carey Rappaport</b> <i>Deputy Director Northeastern University / ALERT</i>
11:03 AM	Welcoming Remarks - DHS S&T	<b>Laura Parker</b> <i>Senior Advisor for Sensors Science and Technology Directorate Department of Homeland Security</i>
11:05 AM	Setting the Stage	<b>Carl Crawford</b> <i>President Csuptwo</i>
		<b>Harry Martz</b> <i>Associate Program Leader Center for Nondestructive Characterization Lawrence Livermore National Laboratory</i>

11:10 AM	<b>CBP and DHS S&amp;T Perspectives</b>	
11:10 AM	CBP-ADEPT Introduction	<b>David Taylor</b> <i>CBP Portfolio Manager Science and Technology Directorate Department of Homeland Security</i>
11:25 AM	Border Protection: Border Patrol & Air and Marine Operations	<b>James Small</b> <i>CBP Portfolio Manager Science and Technology Directorate Department of Homeland Security</i>
11:40 AM	Seaport Innovation Project	<b>John Penswater</b> <i>Chief, Seaport Innovation Project US Customs and Border Protection Office of Field Operations Cargo and Conveyance Security U.S. Customs &amp; Border Protection</i>
12:00 PM	Rapid Technology Assessments at CBP: Overview, Examples, and Effective Engagements	<b>Chris Mocella</b> <i>Interdiction Technology Branch Laboratories and Scientific Services DHS - U.S. Customs &amp; Border Protection</i>
12:20 PM	<b>EU and Other Perspectives</b>	
12:20 PM	Dutch Customs - Problems That Need to be Solved with Advanced Technologies and Procedures	<b>Frank Heijmann</b> <i>Head of Trade Relations Customs Administration of The Netherlands</i>
12:40 PM	Development, Acquisition and Deployment of Enhanced Technologies and Methods for CBP	<b>Andrew Farrelly</b> <i>CEO and Co-Founder CT Strategies</i>
12:55 PM	<b>Case Studies</b>	
12:55 PM	DHS S&T R&D to Combat Opioid Trafficking	<b>Rosanna Anderson</b> <i>Opioid/Fentanyl Detection Program Manager Science and Technology Directorate Department of Homeland Security</i>
1:15 PM	<b>Emerging Technologies</b>	
1:15 PM	Supply Chain Security	<b>Gregory Kleynerman</b> <i>Partner and Vice President Red Flag Cargo Security Systems</i>
1:25 PM	A Neutron-Based Substance Identification System	<b>Cor Datema</b> <i>CEO Dynaxion</i>
1:40 PM	<b>EC Perspectives</b>	
1:40 PM	The Customs Control Equipment Funding Instrument & Future Needs and Challenges	<b>Wil van Heeswijk</b> <i>Policy Officer Customs Detection and Control Directorate – General for Taxation and Customs Union European Commission</i>

2:00 PM		<b>Adjourn</b>
2:00 PM	<b>Adjourn</b>	<b>Carl Crawford</b> <i>President</i> <i>Csuptwo</i>

**Wednesday, November 17, 2021 - Day 2**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
10:30 AM	<b>Early Arrival and Networking</b>	
11:00 AM	Call to Order & Setting the Stage	<b>Carl Crawford</b> <i>President</i> <i>Csuptwo</i>
11:00 AM		<b>CBP Perspectives</b>
11:00 AM	CBP's Acquisition Process	<b>Archie L. Williams, Jr.</b> <i>Acquisition Program Director</i> <i>Non-Intrusive Inspection (NII) Systems Program Office</i> <i>Cargo and Conveyance Security</i> <i>Office of Field Operations</i> <i>U.S. Customs and Border Protection</i>
11:25 AM		<b>Other Perspectives</b>
11:25 AM	EU Research Programme on Border Management and Border Security	<b>Giulio M. Mancini</b> <i>Policy Officer</i> <i>DG Migration and Home Affairs</i> <i>European Commission</i>
11:40 AM	European Customs Innovation Network PEN-CP	<b>Juha Hintsa</b> <i>Cross-border Research Association</i> <i>Switzerland</i>
11:55 AM	Recommendations for Enhancing CBP's Procurement Process	<b>Steve Korbly</b> <i>Chief Executive Officer</i> <i>RexSter Technologies</i>
12:10 PM		<b>Case Studies</b>
12:10 PM	An Airport Risk Assessment Model	<b>Natalie Heller</b> <i>Data Scientist</i> <i>Pacific Northwest National Laboratory</i>
		<b>Victor Todorov (panelist)</b> <i>Chief</i> <i>Los Angeles/Long Beach Seaport</i> <i>U.S. Customs and Border Protection</i>
12:30 PM		<b>Vendor Perspectives</b>
12:30 PM	A Vendor Perspective on Collaborations	<b>Cameron Ritchie</b> <i>Chief Global Engineering and Technology Officer</i> <i>Leidos</i>

12:45 PM	Vendor Perspective	<b>Jay Payne</b> <i>Vice President</i> <i>Rapiscan AS&amp;E</i>
1:00 PM	<b>Emerging Technologies</b>	
1:00 PM	Novel Ultra- Low-Power, Low-Size and Low-Cost Sensor for Detecting Movement of People	<b>Zhenyun Qian</b> <i>Co-founder</i> <i>Zepso</i> <b>Matteo Rinaldi</b> <i>Founder and the CEO</i> <i>Zepso</i>
1:15 PM	<b>Next Steps</b>	
1:15 PM	Summary and Next steps	<b>Harry Martz</b> <i>Associate Program Leader</i> <i>Center for Nondestructive Characterization</i> <i>Lawrence Livermore National Laboratory</i> <b>Carl Crawford</b> <i>President</i> <i>Csuptwo</i>
1:32 PM	<b>Closing Remarks</b>	
1:32 PM	Closing Remarks	<b>David Taylor</b> <i>CBP Portfolio Manager</i> <i>Science and Technology Directorate</i> <i>Department of Homeland Security</i>
1:35 PM	<b>Adjourn</b>	<b>Carl Crawford</b> <i>President</i> <i>Csuptwo</i>