



## 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*

### Command Center Enhancements - Workshop Los Angeles and Long Beach Seaports

July 12-13, 2022  
Long Beach, California

July 12th: Presentations from CBP, Seaport Personnel & Technologists  
July 13th: Tours of Long Beach Seaport & Command Center Breakouts

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## AGENDA

Subject to Change

**Tuesday, July 12, 2022 - Presentations**  
**Atlantic Ballroom, Courtyard by Marriott Long Beach Downtown**  
**500 East First Street, Long Beach, California**

| Time    | Topic             | Speaker   |
|---------|-------------------|---|
| 8:30 AM | Welcoming Remarks | <b>Dennis Wilson</b><br><i>Acting Assistant Port Director<br/>U.S. Customs and Border Protection<br/>Los Angeles/Long Beach Seaport</i> |
| 8:40 AM | Welcoming Remarks | <b>Michael Silevitch</b><br><i>Director<br/>Northeastern University / ALERT</i>   |
| 8:45 AM | Welcoming Remarks | <b>Emel Bulat</b><br><i>Senior Consultant for Corporate &amp; Government<br/>Partnerships<br/>Northeastern University</i>               |

|          |   |  |
|----------|---|--|
| 8:50 AM  | Setting the Stage   | <b>Carl Crawford</b><br><i>President</i><br><i>Csuptwo</i>   |
| 8:55 AM  | Command Center Vision and Technical Overview                                  | <b>Victor Todorov</b><br><i>Chief, Advance Targeting Unit</i><br><i>U.S. Customs and Border Protection</i><br><i>Los Angeles/Long Beach Seaport</i>  |
| 9:40 AM  | DHS Science and Technology Directorate Projects                               | <b>David Taylor</b><br><i>CBP Portfolio Manager</i><br><i>Science and Technology Directorate</i><br><i>Department of Homeland Security</i>   |
| 10:20 AM | Break   |  |
| 10:35 AM | Seaport Innovations   | <b>John Penswater</b><br><i>Chief, Seaport Innovation Project</i><br><i>US Customs and Border Protection</i><br><i>Office of Field Operations</i><br><i>Cargo and Conveyance Security</i><br><i>U.S. Customs &amp; Border Protection</i> |
| 11:00 AM | CBP Innovation Team   | <b>Suzanne Shepherd</b><br><i>Portfolio Manager</i><br><i>U.S. Customs and Border Protection</i>   |
| 11:25 AM | Modeling Efforts and Digital Twins  | <b>Syed Mohammed</b><br><i>Director, Modeling and Simulation Technology Center</i><br><i>DHS Science and Technology Directorate</i>  |
| 11:50 AM | Covert and Timeless Coastline Human Intrusion Detection Technology (CATCH-IT) | <b>Zhenyun Qian</b><br><i>Co-founder</i><br><i>Zepsor</i><br><b>Matteo Rinaldi</b><br><i>Founder and the CEO</i><br><i>Zepsor</i>  |
| 12:30 PM | Lunch (provided)  |  |
| 1:30 PM  | Video Analytics For Seaport Applications                                      | <b>David Castanon</b><br><i>Professor</i><br><i>Department of Electrical and Computer Engineering</i><br><i>Boston University</i>  |

|         |   |  |
|---------|---|--|
| 2:00 PM | The Seaport Resource Risk Assessment Model (SRAM) | <b>Natalie Heller</b><br><i>Data Scientist</i><br><i>Pacific Northwest National Laboratory</i>   |
| 2:30 PM | Radiation Portal Monitors (RPM) Remote Operations | <b>Mary Sue Hoxie</b><br><i>Project Manager</i><br><i>Pacific Northwest National Laboratory</i>  |
| 3:00 PM | 5G Applications at the Seaport                    | <b>Matt McGlynn</b><br><i>Principal, Enterprise Systems Engineering</i><br><i>Homeland Security Systems Engineering and Development Institute (HSSEDI)</i><br><i>MITRE</i> |
| 3:25 PM | Best Practices When Engaging CBP                  | <b>Todd Owen</b><br><i>Executive Assistant Commissioner (Retired)</i><br><i>Office of Field Operations</i><br><i>U.S. Customs and Border Protection</i>                    |
| 3:50 PM | CBP Field Experiences                             | <b>Michael Denning</b><br><i>Director, Field Operations (Retired)</i><br><i>Boston Field Office</i><br><i>U.S. Customs and Border Protection</i>                           |
| 4:15 PM | Algorithm Development for CBP                     | <b>Rob Forrest</b><br><i>Senior Scientist</i><br><i>Sandia National Laboratories</i>   |
| 4:40 PM | Action Items and Closing Remarks                  | <b>Victor Todorov</b><br><i>Chief, Advance Targeting Unit</i><br><i>U.S. Customs and Border Protection</i><br><i>Los Angeles/Long Beach Seaport</i>                        |
| 5:00 PM | Adjourn   |  |

**Wednesday, July 13, 2022 - Seaport Tours**  
**Long Beach Seaport**  
**301 East Ocean Boulevard, Long Beach, California**

| Time    | Topic       | Leader for Day  |
|---------|-------------|---|
| 8:30 AM | First Tours | <b>Jeremy Metoyer</b><br><i>Supervisory CBP Officer</i><br><i>U.S. Customs &amp; Border Protection</i><br><i>Los Angeles/Long Beach Seaport</i> |

12:00 PM Break

1:00 PM Second Tours

4:30 PM Adjourn

- Notes:
- Transportation to be provided to seaport from downtown.
  - Specifics of tours to be tailored to the participants.
  - US Citizens only.

**Wednesday, July 13, 2022 - Command Center Breakouts**  
**Courtyard by Marriott Long Beach Downtown**  
**500 East First Street, Long Beach, California**

| Time     | Topic   | Leader for Day  |
|----------|---|---|
| 8:30 AM  | One-on-one session with Mitre Corporation; by special invitation  | <b>Victor Todorov</b><br><i>Chief, Advance Targeting Unit</i><br><i>U.S. Customs and Border Protection</i><br><i>Los Angeles/Long Beach Seaport</i> |
| 9:30 AM  | One-on-one session with Pacific Northwest National Laboratory; by special invitation  |   |
| 10:30 AM | Unstructured discussions.<br>Topics include, but are not limited to:<br>Video Analytics<br>People sensors<br>General sensors<br>Radiation portal monitors (RPM)<br>Resource allocation<br>Digital twins and modeling<br>5G communications |   |
| 4:30 PM  | Adjourn   |   |