



**Trace Explosives Sampling for Security Applications (TESSA) Workshop Series 01:
Defining Residues, Substrates, and Sampling Media for the Contact Sampling Roadmap**

August 13, 2014
Room 378, Building 140 The Fenway, Northeastern University
Boston, Massachusetts

AGENDA

Wednesday, August 13, 2014

8:00 - 8:30 AM	Check-In and Breakfast	
8:30 - 8:35 AM	Welcome and Introduction by ALERT	Prof. Michael Silevitch, Northeastern University
8:35 - 8:45 AM	Welcome and Introduction by DHS	Matthew Clark and Laura Parker, Department of Homeland Security
8:45 - 8:50 AM	Overview, Goals and Scope	Prof. Steve Beaudoin, Purdue University
8:50 - 9:10 AM	Summary of Prior Sampling Workshops	Richard Lareau, Department of Homeland Security

SESSION I: SAMPLING MEDIA

9:10 - 9:40 AM	State of the Art in Contact Sampling Media	Reno Debono, Smiths Detection
9:40 - 10:00 AM	Challenges Associated with Media in Contact Sampling	David Fine, GeNO
10:00 - 10:15 AM	Break	
10:15 - 11:55 AM	Group Discussion: Identify 2 Reference Traps and Key Trap Characteristics	Prof. Steve Beaudoin, Purdue University
11:55 - 12:30 PM	Lunch	

SESSION II: SUBSTRATES

12:30 - 1:00 PM	Effects of Substrate Properties on Contact Sampling Effectiveness	Jennifer Verkouteren, National Institute of Standards and Technology
1:00 - 1:20 PM	Challenges Associated with Substrate Properties During Contact Sampling	Elaine Jappinga, Department of Homeland Security



ALERT

AWARENESS AND LOCALIZATION
OF EXPLOSIVES-RELATED THREATS

Awareness and Localization of Explosives-Related Threats (ALERT)

A Department of Homeland Security (DHS)

Center of Excellence (COE)

1:20 - 3:00 PM Group discussion: Identify 2 Substrates and
Key Substrate Characteristics Prof. Steve Beaudoin,
Purdue University

3:00 – 3:15 PM **Break**

SESSION III: RESIDUES

3:15 - 3:45 PM Residue Effects on Sampling Effectiveness John Parmeter,
Sandia National Laboratories

3:45 – 4:05 PM Challenges Associated with Residue Properties
During Contact Sampling Polly Gongwer,
Department of Homeland Security

4:05 -5:45 PM Group discussion: Identify 2 Reference
Residues and Key Residue Characteristics Prof. Steve Beaudoin,
Purdue University

5:45 – 6:00 PM Wrap-Up Prof. Steve Beaudoin,
Purdue University

6:00 – 6:45 PM **Reception**