

## **Panel – Red Teaming and Network Security**

Moderator:

Douglas Maughan, DARPA

Panelists:

Brad Wood, Sandia National Labs

Sami Saydjari, DARPA

Michael Puldy, IBM

Red teaming is an advanced form of information system assessment that can be used to identify weaknesses in a variety of information systems. The approach is based on the premise that analysts can find vulnerabilities in an information system by modeling the behavior of an adversary. These vulnerabilities might otherwise go undetected. Red teams provide feedback to system designers for improving the assurance posture of the

system. This feedback is especially beneficial when the system under analysis is still in development stages so that changes can be easily inserted before system deployment. This panel will discuss the basics of red teaming, its use as a metric of system assurance, the commercial methods and potential of red teaming, and the future directions that are possible with red teams.