Panel: Emerging Technologies

Objective: To discuss and provide information on how selected emerging technologies will affect facility efforts at insider threat mitigation

Panelists

Moderator: Ms. Naoko Noro (ISCN)

Mr. Alan Evans (Artificial Intelligence in PPS, SNL)

Ms. Shannon Abbott (Artificial Neural Networks, SNL)

Mr. John Landers (Social Media, ORNL)

Panel: Emerging Technologies

Emerging Technologies:

Technical innovations that generate new opportunities while creating significant effects and challenges in society, economy, security, etc.

Opportunities:

- Reduce risks

- Enhance security capabilities

- Increase effectiveness of security measures

Risks:

- Potential use by adversaries to increase probability of successful attack

Panel: Emerging Technologies

Examples of Emerging Technologies:

Automation

Artificial intelligence

Artificial neural networks

Social media technologies

Uncrewed aerial systems (UAS)

Cybersecurity technologies

Robotics

Internet of Things (IoT)

3-D printing

Blockchain

…etc.

Potential impacts on insider threat mitigation?

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Discussion Topics:

- Provide examples of how the specific technology can affect insider threat mitigation

- Provide as much information as possible on specific occurrences

- Discuss possible mitigation measures to address the emerging threat

- Discuss what agencies or organizations are responsible for providing information to the facility or regulator about emerging threats