



# WORKSHOP: Security and Access - Addressing DoD Unique Microelectronic Needs [DoD]

**WORKSHOP LEAD:** Dr. Matt Kay, Naval Surface Warfare Center (NSWC) Crane

**DATE:** Thursday, August 20, 2020

**TIME:** 2:15 PM – 3:45 PM

## DESCRIPTION

*This workshop will investigate the priorities and progress of the Department of Defense (DoD) to address its unique microelectronics needs. In particular, the workshop will address the development of sustainable sources of niche DoD technologies, including mission essential radiation-hardened electronics capabilities and specialized radiofrequency and electro-optic components. The Department is partnering with the intelligence community, the Department of Energy, the National Aeronautics and Space Administration (NASA), and others to develop radiation hardened components that permit systems to operate in space and other harsh environments. A similar situation exists for advancing radio frequency and optical applications, where innovative approaches are being developed to address unique requirements and specifications, and promote future incentives for co-investment with industry.*

## AGENDA

<b>2:15 PM</b>	<p><b><i>Unique DoD Needs Introduction</i></b>            Matt Kay, Office Secretary of Defense, Naval Surface Warfare Center (NSWC) Crane, Project Lead</p>
<b>2:25 PM</b>	<p><b><i>Radiation Hardened Microelectronics Needs and Opportunities Panel</i></b>            Matt Gadlage, Naval Surface Weapons Center (NSWC) - Moderator            Brad Ferguson, Skywater            Pascale Gouker, MIT Lincoln Labs            Lloyd Massengill, Vanderbilt University            Dale McMorrow , NRL            Paul Melanson, Draper</p>
<b>3:15 PM</b>	<p><b><i>Radio Frequency and Optoelectronic Needs and Opportunities Panel</i></b>            Josh Hawke, Naval Surface Weapons Center (NSWC) Crane – Introduction</p> <p>Matt Gadlage, Naval Surface Weapons Center (NSWC) - Moderator            Steve Harames, AIM Photonics            Ezra Hall, GlobalFoundries            Aaron Oki, Northrop Grumman            Elias Reese, Qorvo            Matt Tyhach, Raytheon</p>
<b>3:45 PM</b>	<p><b><i>Workshop Concludes</i></b></p>

## QUESTIONS

Please contact Sydney Pope for more information following this workshop at [sydney.pope.ctr@mail.mil](mailto:sydney.pope.ctr@mail.mil).