

2024 IEEE Research and Applications of Photonics in Defense Conference (RAPID) 14 - 16 Aug 2024 *All times in CDT*

Wednesday, 14 August

12pm

WA1: Women in Photonics/Women in Science and Engineering Luncheon
Emerald E

1:15pm

Break
Emerald Foyer

1:30pm

WA2: Keynote & Plenary Session
Emerald C/D

3:45pm

Break
Emerald Foyer

4pm

WA3: Workforce Development Session
Emerald C/D

4:30pm

Break
Emerald Foyer

5pm

RAPID 2024 Poster Session
Emerald Foyer

Thursday, 15 August

8am

ThA1: Ultrafast and Nonlinear Nanophotonics
Emerald A

ThB1: Imaging and Spectroscopic Techniques for Hypersonic Ground Test Facilities
Emerald B

ThC1: Human State Measurement
Coastal A

ThD1: Non-Epitaxial Optoelectronic Devices
Coastal B

ThE1: Terahertz Photonics
Coastal C

9am

ThD2: Optical Sensing and Computational Imaging Systems
Coastal B

10am

Break
Emerald Foyer

10:15am

ThA2: Emerging Material Platforms for Nanophotonics
Emerald A

ThB2: Optical Methods for Characterizing Physics and Chemistry in Propulsion
Emerald B

ThC2: Human State Measurement
Coastal A

ThD3: Floquet Engineered Photonics
Coastal B

ThE2: High Peak and Average Power Laser Technology
Coastal C

12:15pm

STEM Luncheon
Emerald E

1:30pm

ThA3: Active Plasmonics and Nanophotonics
Emerald A

ThB3: Integrated Quantum Photonics
Emerald B

ThC3: Semiconductor Materials and Quantum Nanoscience
Coastal A

ThD4: Two-Dimensional Materials & Topological Photonics
Coastal B

ThE3: UV Optoelectronics
Coastal C

3:30pm

Break
Emerald Foyer

3:45pm

ThA4: Active Plasmonics and Nanophotonics
Emerald A

ThB4: Displays, Holography and Projection
Emerald B

ThC4: Scalable Manufacturing and Rapid Prototyping for Photonics
Coastal A

ThD5: Modeling and Simulation for Advanced Photonics
Coastal B

ThE4: Lasers/Emitters
Coastal C

7pm

Welcome Reception
Barefoots Deck

Friday, 16 August

8am

FA1: Biosensing Methods
Emerald A

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Continued from **Friday, 16 August**

FB1: Advances in Chip-scale UV, Visible and Near-IR Optoelectronics and Photonics
Emerald B

FC1: RF and Optical Target Imaging, Identification, and Pattern Recognition
Emerald C

FD1: Resonant Photonic Lattices: Principles and Applications
Coastal A

FE1: Photonics and Future Warfighter Operational Concepts
Coastal B

FF1: Novel Materials for Photonics
Coastal C

10am

Break
Emerald Foyer

10:15am

FA2: Convergent Technologies for Defense and Commercial Applications
Emerald A

FB2: Advances in Chip-scale UV, Visible and Near-IR Optoelectronics and Photonics
Emerald B

FC2: Spectral, Polarimetric, and Multimodal Imaging
Emerald C

FD2: Optical Metamaterials Based Devices and Applications
Coastal A

FE2: EO/IR/LADAR
Coastal B

FF2: Optical Metasurfaces and Applications
Coastal C

12:15pm

Lunch (on own)

1:30pm

FA3: Methods and Systems for High Speed Imaging and Sensing of Biological Systems
Emerald A

FB3: Microwave Optics and RF Photonics
Emerald B

FC3: Optical Detectors/Sensors
Emerald C

FD3: Complex Nanomaterials with Tunable Chirality and/or Nonlinearity
Coastal A

FE3: Devices and Systems for Sensors
Coastal B

FF3: Specialty Optical Fibers
Coastal C

3:30pm

Break
Emerald Foyer

3:45pm

FA4: Methods and Systems for High Speed Imaging and Sensing of Biological Systems
Emerald A

FB4: Photonic Technologies for Position, Navigation, and Timing
Emerald B

FC4: Optical Detectors/Sensors
Emerald C

FD4: Complex Nanomaterials with Tunable Chirality and/or Nonlinearity
Coastal A