



# 2024 AFLR/AFOSR Spring Review

## Monday, 8 April 2024



**Location:** Basic Research Innovation Collaboration Center (BRICC) 4100 Fairfax Dr #450, Arlington, VA 22203

**General Session:** Exploration

**Overflow Rooms:** Research and Collaboration

**Dress Attire:** Business or Service Dress

**SME Panel Closed Session:** Perseverance

**Leadership Closed Session:** Pathfinder

Start Time (ET)	End Time (ET)	Duration (minutes)	Minutes Allotted for Brief and Q&A	Description/Activity	Speaker	Speaker Title
7:45 AM				Registration Opens		
8:25 AM	8:30 AM	0:05		Call to Order, Protocol & Facilities Comments		
8:30 AM	8:35 AM	0:05		Welcome and Introduction to Dr. Tim Bunning	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
8:35 AM	8:50 AM	0:15		Opening Remarks with AFRL Chief Technology Officer	Dr. Tim Bunning, ST	AFRL Chief Technology Officer
8:50 AM	9:00 AM	0:10		Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
				<b>CHIEF SCIENTIST OFFICE</b>		
9:00 AM	9:55 AM	0:55	(40+15)	Chief Scientist Office and Overview	Dr. William "Pat" Roach, ST	AFRL/AFOSR Chief Scientist
9:55 AM	10:30 AM	0:35	(20+15)	Intramural Programs	Dr. Leslie Blaha	AFRL/AFOSR Deputy Chief Scientist
10:30 AM	10:35 AM	0:05		<b>BREAK</b>		
				<b>SPECIAL TOPICS</b>		
10:35 AM	11:20 AM	0:45	(30+15)	Information Technology (IT) & Digital Transformation Strategy	Mr. D. Hunter Thomas	AFRL/AFOSR Division Chief, Information Technology
11:20 AM	12:05 PM	0:45	(30+15)	Science Analytics Capability	Dr. Enrique "Riq" Parra	AFRL/AFOSR Chief Analytics Officer
12:05 PM	12:55 PM	0:50		<b>LUNCH</b>		
12:55 PM	1:30 PM	0:35	(20+15)	Research Protection	Mr. E. Marcus Crawford	AFRL/AFOSR Information Protection (IP) Chief
				<b>INTERNATIONAL SCIENCE DIVISION LEADERSHIP</b>		
1:30 PM	2:05 PM	0:35	(20+15)	International Office Overview (IO)	Col Timothy Russell	AFRL/AFOSR Division Chief, International Office
2:05 PM	2:40 PM	0:35	(20+15)	International Office (IO) Asian Office of Aerospace Research and Development (AOARD) Overview	Dr. Christopher Drew	AFRL/AFOSR Branch Chief, International Office
2:40 PM	3:15 PM	0:35	(20+15)	International Office (IO) Southern Office of Aerospace Research and Development (SOARD) Overview	Col Roger Greenwood	AFRL/AFOSR Branch Chief, International Office
3:15 PM	3:40 PM	0:25		<b>NETWORKING BREAK &amp; SOLAR ECLIPSE VIEWING</b> ( <i>only with protective eye wear</i> )		
3:40 PM	4:15 PM	0:35	(20+15)	International Office (IO) European Office of Aerospace Research and Development (EOARD) Overview	Lt Col C. David Lewis	AFRL/AFOSR Branch Chief, International Office
4:15 PM	4:20 PM	0:05		Closing Remarks and Transition to Closed Session		
4:20 PM				<b>ADJOURN - GENERAL ATTENDEES</b>		
4:25 PM	5:05 PM	0:40		SME Panel Discussion - Wrap Up (Closed Session)	SME Panel Members, SME Liaisons	
4:25 PM	5:05 PM	0:40		Leadership Wrap Up (Closed Session)	AFRL/AFOSR Director, Deputy Director, Chief Scientist	
5:15 PM				No Host Social - Bronson Bier Hall		



# 2024 AFLR/AFOSR Spring Review

## Tuesday, 9 April 2024



**Location:** Basic Research Innovation Collaboration Center (BRICC) 4100 Fairfax Dr #450, Arlington, VA 22203

**General Session:** Exploration

**Overflow Rooms:** Research and Collaboration

**Dress Attire:** Briefers: Business or Blues Combination;

**SME Panel Closed Session:** Perseverance

**Leadership Closed Session:** Pathfinder

General Attendees: Business Casual or Blues Combination

Start Time (ET)	End Time (ET)	Duration (minutes)	Minutes Allotted for Brief and Q&A	Description/Activity	Speaker	Speaker Title
7:45 AM				Registration Opens		
8:25 AM	8:30 AM	0:05		Call to Order, Protocol & Facilities Comments		
8:30 AM	8:40 AM	0:10		Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
				<b>SCIENCE &amp; ENGINEERING DIVISION LEADERSHIP</b>		
8:40 AM	9:15 AM	0:35	(20+15)	Science & Engineering Division Overview (RT)	Col Brian Vesey	AFRL/AFOSR Division Chief, Science & Engineering
9:15 AM	9:50 AM	0:35	(20+15)	Engineering and Information Sciences Branch (RTA)	Lt Col Katrina Schweiker	AFRL/AFOSR Branch Chief, Science & Engineering
9:50 AM	10:25 AM	0:35	(20+15)	Physical and Biological Sciences Branch (RTB)	Dr. Kera Lawson	AFRL/AFOSR Branch Chief, Science & Engineering
10:25 AM	10:35 AM	0:10		<b>BREAK</b>		
10:35 AM	11:10 AM	0:35	(20+15)	Science and Engineering Collaboration Branch (RTC)	Mr. Neville Thompson	AFRL/AFOSR Branch Chief, Science & Engineering
				<b>THEME: INTEGRATED SENSING AND CYBER / INTEGRATED NETWORK SYSTEMS-OF-SYSTEMS</b>		
11:10 AM	11:45 AM	0:35	(20+15)	Mathematical Optimization	Dr. Warren Adams	AFRL/AFOSR Program Officer
11:45 AM	12:20 PM	0:35	(20+15)	Dynamic Data & Information Processing	Dr. Erik Blasch	AFRL/AFOSR Program Officer
12:20 PM	1:25 PM	1:05		<b>LUNCH</b>		
1:25 PM	2:00 PM	0:35	(20+15)	Computational Mathematics	Dr. Fariba Fahroo	AFRL/AFOSR Program Officer
2:00 PM	2:35 PM	0:35	(20+15)	Dynamical Systems & Control Theory	Dr. Fred Leve	AFRL/AFOSR Program Officer
2:35 PM	3:10 PM	0:35	(20+15)	Computational Sciences	Dr. Akira Namatame	AFRL/AFOSR International Program Officer
3:10 PM	3:20 PM	0:10		<b>BREAK</b>		
3:20 PM	3:55 PM	0:35	(20+15)	Information Assurance & Cybersecurity	Dr. Tristan Nguyen	AFRL/AFOSR Program Officer
3:55 PM	4:00 PM	0:05		Closing Remarks and Transition to Closed Session		
4:00 PM				<b>ADJOURN - GENERAL ATTENDEES</b>		
4:05 PM	5:00 PM	0:55		SME Panel Discussion - Wrap Up (Closed Session)	SME Panel Members, SME Liaisons	
4:05 PM	5:00 PM	0:55		Leadership Wrap Up (Closed Session)	AFOSR Director, Deputy Director, Chief Scientist	



# 2024 AFLR/AFOSR Spring Review

## Wednesday, 10 April 2024



**Location:** Basic Research Innovation Collaboration Center (BRICC) 4100 Fairfax Dr #450, Arlington, VA 22203

**General Session:** Exploration

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**SME Panel Closed Session:** Perseverance

**Leadership Closed Session:** Pathfinder

General Attendees: Business Casual or Blues Combination

Start Time (ET)	End Time (ET)	Duration (minutes)	Minutes Allotted for Brief and Q&A	Description/Activity	Speaker	Speaker Title
7:45 AM				Registration Opens		
8:25 AM	8:30 AM	0:05		Call to Order, Protocol & Facilities Comments		
8:30 AM	8:40 AM	0:10		Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
				<b>THEME: INTEGRATED SENSING AND CYBER / INTEGRATED NETWORK SYSTEMS-OF-SYSTEMS</b>		
8:40 AM	9:15 AM	0:35	(20+15)	Complex Networks	Dr. Don Wagner	AFRL/AFOSR Program Officer
				<b>THEME: QUANTUM SCIENCE / NON-EQUILIBRIUM SYSTEMS</b>		
9:15 AM	9:50 AM	0:35	(20+15)	Physics and Space Science	Dr. Scott Dudley	AFRL/AFOSR International Program Officer
9:50 AM	10:25 AM	0:35	(20+15)	Directed Energy	Dr. Andrew Greenwood	AFRL/AFOSR International Program Officer
10:25 AM	10:35 AM	0:10		<b>BREAK</b>		
10:35 AM	11:10 AM	0:35	(20+15)	Condensed Matter Physics	Dr. Jiwei Lu	AFRL/AFOSR Program Officer
11:10 AM	11:45 AM	0:35	(20+15)	Quantum Information Sciences	Dr. Grace Metcalfe	AFRL/AFOSR Program Officer
11:45 AM	1:00 PM	1:15		<b>LUNCH</b>		
1:00 PM	1:35 PM	0:35	(20+15)	Electromagnetics	Dr. Arje Nachman	AFRL/AFOSR Program Officer
1:35 PM	2:10 PM	0:35	(20+15)	Quantum Science	Lt Col Michael Richards	AFRL/AFOSR International Program Officer
2:10 PM	2:45 PM	0:35	(20+15)	Ultrashort Pulse Laser-Matter Interactions	Dr. Andrew Stickrath	AFRL/AFOSR Program Officer
2:45 PM	3:00 PM	0:15		<b>BREAK</b>		
3:00 PM	3:35 PM	0:35	(20+15)	Atomic & Molecular Physics	Dr. Boyan Tabakov	AFRL/AFOSR Program Officer
3:35 PM	3:40 PM	0:05		Closing Remarks and Transition to Closed Session		
3:40 PM				<b>ADJOURN - GENERAL ATTENDEES</b>		
3:45 PM	4:45 PM	1:00		SME Panel Discussion - Wrap Up (Closed Session)	SME Panel Members, SME Liaisons	<i>Perseverance Room</i>
3:45 PM	4:45 PM	1:00		Leadership Wrap Up (Closed Session)	AFOSR Director, Deputy Director, Chief Scientist	<i>Pathfinder</i>



## 2024 AFLR/AFOSR Spring Review

### Thursday, 11 April 2024



**Location:** Basic Research Innovation Collaboration Center (BRICC) 4100 Fairfax Dr #450, Arlington, VA 22203

**General Session:** Exploration

**Overflow Rooms:** Research and Collaboration

**SME Panel Closed Session:** Perseverance

**Leadership Closed Session:** Pathfinder

**Dress Attire:** Briefers: Business or Blues Combination;

General Attendees: Business Casual or Blues Combination

Start Time (ET)	End Time (ET)	Duration (minutes)	Minutes Allotted for Brief and Q&A	Description/Activity	Speaker	Speaker Title
7:45 AM				Registration Opens		
8:25 AM				Call to Order, Protocol & Facilities Comments		
8:30 AM	8:40 AM	0:10		Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
				<b>SPECIAL TOPIC</b>		
8:40 AM	9:25 AM	0:45	(30+15)	Space Strategy	Dr. Stacie Williams	AFRL/AFOSR Space Science Architect
				<b>THEME: BIOTECHNOLOGY</b>		
9:25 AM	10:00 AM	0:35	(20+15)	Biophysics & Mathematics	Lt Col Kris Ahlers	AFRL/AFOSR International Program Officer
10:00 AM	10:35 AM	0:35	(20+15)	Biophysics	Dr. Sofi Bin-Salamon	AFRL/AFOSR Program Officer
10:35 AM	10:45 AM	0:10		<b>BREAK</b>		
10:45 AM	11:20 AM	0:35	(20+15)	Cognitive & Computational Neuroscience	Dr. Hal Greenwald	AFRL/AFOSR Program Officer
11:20 AM	11:55 AM	0:35	(20+15)	Natural Materials & Systems	Dr. Bennett Ibey	AFRL/AFOSR Program Officer
11:55 AM	12:50 PM	0:55		<b>LUNCH</b>		
12:50 PM	1:25 PM	0:35	(20+15)	Life Sciences and Human Performance	Dr. Nandini Iyer	AFRL/AFOSR International Program Officer
				<b>THEME: TRUSTED AI AND AUTONOMY / HUMAN MACHINE INTERFACES</b>		
1:25 PM	2:00 PM	0:35	(20+15)	Digital Strategies for Aircraft Structures and Robotics	Dr. Fumio Kojima	AFRL/AFOSR International Program Officer
2:00 PM	2:35 PM	0:35	(20+15)	Applied Mathematics	Capt Daniel Pomerico	AFRL/AFOSR International Program Officer
2:35 PM	2:45 PM	0:10		<b>BREAK</b>		
2:45 PM	3:20 PM	0:35	(20+15)	Science of Information, Computation, Learning, and Fusion	Dr. Richard "Doug" Riecken	AFRL/AFOSR Program Officer
3:20 PM	3:55 PM	0:35	(20+15)	Trust and Influence	Dr. Laura Steckman	AFRL/AFOSR Program Officer
3:55 PM	4:00 PM	0:05		Closing Remarks and Transition to Closed Session		
4:00 PM				<b>ADJOURN - GENERAL ATTENDEES</b>		
4:05 PM	5:00 PM	0:55		SME Panel Discussion - Wrap Up (Closed Session)	SME Panel Members, SME Liaisons	
4:05 PM	5:00 PM	0:55		Leadership Wrap Up (Closed Session)	AFOSR Director, Deputy Director, Chief Scientist	



## 2024 AFLR/AFOSR Spring Review

### Friday, 12 April 2024



**Location:** Basic Research Innovation Collaboration Center (BRICC) 4100 Fairfax Dr #450, Arlington, VA 22203

**General Session:** Exploration

**Overflow Rooms:** Research and Collaboration

**Dress Attire:** Briefers: Business or Blues Combination;

**SME Panel Closed Session:** Perseverance

**Leadership Closed Session:** Pathfinder

General Attendees: Business Casual or Blues Combination

Start Time (ET)	End Time (ET)	Duration (minutes)	Minutes Allotted for Brief and Q&A	Description/Activity	Speaker	Speaker Title
7:45 AM				Registration Opens		
8:25 AM				Call to Order, Protocol & Facilities Comments		
8:30 AM	8:40 AM	0:10		Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members	Dr. Kevin Geiss, SES	AFRL/AFOSR Director
				<b>THEME: MICROELECTRONICS</b>		
8:40 AM	9:15 AM	0:35	(20+15)	GHz-THz Electronics	Dr. Kenneth Gorretta	AFRL/AFOSR Program Officer
9:15 AM	9:50 AM	0:35	(20+15)	Agile Science for Test & Evaluation	Dr. Brett Pokines	AFRL/AFOSR Program Officer
9:50 AM	10:25 AM	0:35	(20+15)	Sensors & Microelectronics	Dr. Attila Szep	AFRL/AFOSR International Program Officer
10:25 AM	12:30 PM	2:05		<b>GENERAL ATTENDEES NETWORKING SESSION</b>		
10:30 AM	12:00 PM	1:30		SME Panel Discussion - Wrap Up (Closed Session)	SME Panel Members	
12:05 PM	12:30 PM	0:25		Outbrief to Leadership	SME Chair, AFRL/AFOSR Director, Deputy Director, Chief Scientist	
12:30 PM	2:00 PM	1:30		<b>WORKING LUNCH</b> Outbrief to AFRL/AFOSR Closing Remarks	Dr. Joel Mozer, SES Dr. Kevin Geiss, SES	
2:00 PM				<b>ADJOURN</b>		