



# FY24 Spring Review

## Monday, 8 April 2024



General Session: Exploration

Overflow Rooms: Research and Collaboration

SME Panel Closed Session: Pervasive

Leadership Closed Session: Pathfinder

| Start Time (ET) | End Time (ET) | Duration (minutes) | Minutes Allotted for Brief and Q&A | Description/Activity   | Speaker  | Speaker Title                                     |
|-----------------|---------------|--------------------|------------------------------------|--|--|---|
| 7:00 AM         |               |                    |                                    | Advance Arrival, Technical Checks, Set and Ready   |  |   |
| 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                              | 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        | 11:55 AM      | 0:35               | (20+15)                            | Science Analytics Capability   | Dr. Enrique "Riq" Parra                          | AFRL/AFOSR Chief Analytics Officer                |
| 11:55 AM        | 12:45 PM      | 0:50               |                                    | <b>LUNCH</b>   |  |   |
| 12:45 PM        | 1:20 PM       | 0:35               | (20+15)                            | Research Protection  | Mr. E. Marcus Crawford                           | AFRL/AFOSR Information Protection (IP) Chief      |
|                 |               |                    |                                    | <b>INTERNATIONAL SCIENCE DIVISION</b>  |  |   |
| 1:20 PM         | 1:55 PM       | 0:35               | (20+15)                            | International Office Overview (IO)   | Col Timothy Russell                              | AFRL/AFOSR Division Chief, International Office   |
| 1:55 PM         | 2:30 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     |
| 2:30 PM         | 3:05 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     |
| 3:05 PM         | 3:40 PM       | 0:35               | (20+15)                            | <b>NETWORKING BREAK &amp; SOLAR ECLIPSE VIEWING (only with protective eye wear)</b>              |  |   |
| 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                                |   |
| 4:25 PM         | 5:05 PM       | 0:40               |                                    | Leadership Wrap Up (Closed Session)  | AFOSR Director, Deputy Director, Chief Scientist |   |
| 5:15 PM         |               |                    |                                    | No Host Social - Bronson Bier Hall   |  |   |



# FY24 Spring Review

## Tuesday, 9 April 2024



General Session: Exploration

Overflow Rooms: Research and Collaboration

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                                    |
|-----------------|---------------|--------------------|------------------------------------|---|--|--|
| 7:00 AM         |               |                    |                                    | Advance Arrival, Technical Checks, Set and Ready  |  |  |
| 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               |                                    | AFRL/AFOSR Director Remarks and Introduction to Subject Matter Expert Chair and Panel Members | Dr. Kevin Geiss, SES                             | AFRL/AFOSR Director                              |
|                 |               |                    |                                    | <b>SCIENCE &amp; ENGINEERING DIVISION</b>   |  |  |
| 8:40 AM         | 9:15 AM       | 0:35               | (20+15)                            | Science & Engineering Overview (RT)   | Col Brian Vesey                                  | AFRL/AFOSR Division Chief, Science & Engineering |
| 9:15 AM         | 9:50 AM       | 0:35               | (20+15)                            | Science & Engineering Branch Overview (RTA)   | Lt Col Katrina Schweiker                         | AFRL/AFOSR Branch Chief, Science & Engineering   |
| 9:50 AM         | 10:25 AM      | 0:35               | (20+15)                            | Science & Engineering Branch Overview (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 & Engineering Branch Overview (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)                            | 3003I - Mathematical Optimization   | Dr. Warren Adams                                 | AFRL/AFOSR Program Officer                       |
| 11:45 AM        | 12:20 PM      | 0:35               | (20+15)                            | 3001X - 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)                            | 3003E - Computational Mathematics   | Dr. Fariba Fahroo                                | AFRL/AFOSR Program Officer                       |
| 2:00 PM         | 2:35 PM       | 0:35               | (20+15)                            | 3003A – Dynamical Systems & Control Theory  | Dr. Fred Leve                                    | AFRL/AFOSR Program Officer                       |
| 2:35 PM         | 3:10 PM       | 0:35               | (20+15)                            | 3004AF - Computer Science   | 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)                            | 3003F - 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                                |  |
| 4:05 PM         | 5:00 PM       | 0:55               |                                    | Leadership Wrap Up (Closed Session)   | AFOSR Director, Deputy Director, Chief Scientist |  |



# FY24 Spring Review

## Wednesday, 10 April 2024



General Session: Exploration

Overflow Rooms: Research and Collaboration

SME Panel Closed Session: Pervasive

Leadership Closed Session: Pathfinder

| Start Time (ET) | End Time (ET) | Duration (minutes) | Minutes Allotted for Brief and Q&A | Description/Activity   | Speaker  | Speaker Title                            |
|-----------------|---------------|--------------------|------------------------------------|--|--|--|
| 7:00 AM         |               |                    |                                    | Advance Arrival, Technical Checks, Set and Ready                                   |  |  |
| 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)                            | 3003N - 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)                            | Quantum 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)                            | 3001H – Condensed Matter Physics   | Dr. Jiwei Lu                                     | AFRL/AFOSR Program Officer               |
| 11:10 AM        | 11:45 AM      | 0:35               | (20+15)                            | 3001Q - 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)                            | 3001K - Electromagnetics   | Dr. Arje Nachman                                 | AFRL/AFOSR Program Officer               |
| 1:35 PM         | 2:10 PM       | 0:35               | (20+15)                            | 3004AB - Quantum Science   | Lt Col Michael Richards                          | AFRL/AFOSR International Program Officer |
| 2:10 PM         | 2:45 PM       | 0:35               | (20+15)                            | 3001O - 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)                            | 3001D - 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                                | <i>Pervasive Room</i>                    |
| 3:45 PM         | 4:45 PM       | 1:00               |                                    | Leadership Wrap Up (Closed Session)  | AFOSR Director, Deputy Director, Chief Scientist | <i>Pathfinder</i>                        |



# FY24 Spring Review

## Thursday, 11 April 2024



**General Session:** Exploration  
**SME Panel Closed Session:** Perseverance

**Overflow Rooms:** Research and Collaboration  
**Leadership Closed Session:** Pathfinder

| Start Time (ET) | End Time (ET) | Duration (minutes) | Minutes Allotted for Brief and Q&A | Description/Activity   | Speaker  | Speaker Title                            |
|-----------------|---------------|--------------------|------------------------------------|--|--|--|
| 7:00 AM         |               |                    |                                    | Advance Arrival, Technical Checks, Set and Ready                                   |  |  |
| 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         | 9:15 AM       | 0:35               | (20+15)                            | Space Strategy   | Dr. Stacie Williams                              | AFRL/AFSOSR Space Science Architect      |
|                 |               |                    |                                    | <b>THEME: BIOTECHNOLOGY</b>  |  |  |
| 9:15 AM         | 9:50 AM       | 0:35               | (20+15)                            | 3004AC - Biophysics, Trust & influence, Mathematics                                | Lt Col Kris Ahlers                               | AFRL/AFOSR International Program Officer |
| 9:50 AM         | 10:25 AM      | 0:35               | (20+15)                            | 3003P - Biophysics   | Dr. Sofi Bin-Salamon                             | AFRL/AFOSR Program Officer               |
| 10:25 AM        | 10:35 AM      | 0:10               |                                    | <b>BREAK</b>   |  |  |
| 10:35 AM        | 11:10 AM      | 0:35               | (20+15)                            | 3003T - Cognitive & Computational Neuroscience                                     | Dr. Hal Greenwald                                | AFRL/AFOSR Program Officer               |
| 11:10 AM        | 11:45 AM      | 0:35               | (20+15)                            | 3003J - Natural Materials & Systems  | Dr. Bennett Ibey                                 | AFRL/AFOSR Program Officer               |
| 11:45 AM        | 12:50 PM      | 1:05               |                                    | <b>LUNCH</b>   |  |  |
| 12:50 PM        | 1:25 PM       | 0:35               | (20+15)                            | Life Sciences  | 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)                            | 3004AQ - 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)                            | 3004AE - Applied Mathematics and Artificial Intelligence                           | Capt Daniel Pomerico                             | AFRL/AFOSR International Program Officer |
| 2:35 PM         | 3:10 PM       | 0:35               |                                    | <b>BREAK</b>   |  |  |
| 3:10 PM         | 3:45 PM       | 0:35               | (20+15)                            | 3003Z - Science of Information, Computation, Learning, and Fusion                  | Dr. Richard "Doug" Riecken                       | AFRL/AFOSR Program Officer               |
| 3:45 PM         | 4:20 PM       | 0:35               | (20+15)                            | 3003C - Trust and Influence  | Dr. Laura Steckman                               | AFRL/AFOSR Program Officer               |
| 4:20 PM         | 4:25 PM       | 0:05               |                                    | Closing Remarks and Transition to Closed Session                                   |  |  |
| 4:25 PM         |               |                    |                                    | <b>ADJOURN - GENERAL ATTENDEES</b>   |  |  |
| 4:30 PM         | 5:10 PM       | 0:40               |                                    | SME Panel Discussion - Wrap Up (Closed Session)                                    | SME Panel Members                                |  |
| 4:30 PM         | 5:10 PM       | 0:40               |                                    | Leadership Wrap Up (Closed Session)  | AFOSR Director, Deputy Director, Chief Scientist |  |



# FY24 Spring Review

## Friday, 12 April 2024



General Session: Exploration  
SME Panel Closed Session: Perseverance

Overflow Rooms: Research and Collaboration  
Leadership Closed Session: Pathfinder

| Start Time (ET) | End Time (ET) | Duration (minutes) | Minutes Allotted for Brief and Q&A | Description/Activity   | Speaker   | Speaker Title                            |
|-----------------|---------------|--------------------|------------------------------------|--|---|--|
| 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                      |
|                 |               |                    |                                    | THEME: MICROELECTRONICS  |   |  |
| 8:40 AM         | 9:15 AM       | 0:35               | (20+15)                            | 3001B - GHz-THz Electronics  | Dr. Ken Gorretta  | AFRL/AFOSR Program Officer               |
| 9:15 AM         | 9:50 AM       | 0:35               | (20+15)                            | 3002T - 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               |                                    | GENERAL ATTENDEES NETWORKING SESSION   |   |  |
| 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, AFOSR Director, Deputy Director, Chief Scientist |  |
| 12:30 PM        | 2:00 PM       | 1:30               |                                    | WORKING LUNCH<br>Outbrief to AFRL/AFOSR<br>Closing Remarks                         | Dr. Rajesk Naik<br>Dr. Kevin Geiss, SES                     |  |
| 2:00 PM         |               |                    |                                    | ADJOURN  |   |  |