

# Spectral Sensing Focus Group (SSFG) Charter

## **Purpose**

The purpose of the SSFG is to investigate and promote the utility of emerging spectral and laser-based remote sensing capabilities for arms control and nonproliferation.

## **Functions**

The SSFG will:

- Exchange information on spectral sensing R&D as it pertains to arms control and nonproliferation.
- Advise agencies on nonproliferation and arms control R&D priorities as they pertain to spectral sensing.
- Review spectral sensing R&D programs and identify overlaps and gaps.
- Make recommendations to the NPAC TWG on coordination of spectral sensing R&D programs.

The SSFG will also provide the NPAC TWG with a summary report of spectral sensing R&D programs which will include, as appropriate:

- Mission
- Membership
- Thrust Areas
- Program Highlights
- Gaps/Overlaps in R&D Funding
- Recommendations

Technologies of interest for the SSFG include, but are not limited to:

- Spectral sensing systems and technologies
- Spectral signatures
- Science and phenomena studies
- Collections and experiments
- Active and passive sensing

## **Structure**

The following departments and agencies are represented in the SSFG:

- AFRL
- ARL
- CIA
- DIA
- DoD
- DoS
- DoE
- NASA
- NASIC
- NGA
- NRL
- ODNI
- US Air Force
- US Army
- US Navy
- USGS

Other departments, agencies, or organizations may be added to the SSFG on either a permanent or ad hoc basis depending on the issues to be addressed.