

INVITED TALK

AFRL Support to Space S&T

Dr. Kelly Hammett

Director, Directed Energy Directorate; Deputy Technology Executive Officer (TEO) for Space Science and Technology, Air Force Research Laboratory

ABSTRACT

Today's global threats require multi-disciplinary solutions that function across multiple domains, and AFRL is committed to providing the technology needed to keep our joint warfighters ahead now and in the future. Our current way of warfare depends on space superiority to provide global services such as Position, Navigation, and Timing (PNT) and satellite communications to enable continued domination across all warfighting domains in the joint fight. AFRL's researchers, scientists and engineers already and will continue to develop technologies that benefit our capabilities in space, air and cyber at the same time. AFRL supports the continuation of one laboratory providing research and technology solutions for both services in the Department of the Air Force in order to best equip USSF and USAF future forces. One laboratory for our aerospace forces allows AFRL to fully implement the Air Force Science & Technology Strategy on behalf of the entire DAF, which aims to build a force capable of dominating across time, space and complexity in all domains to ensure we continue to have the advantage in future conflicts.