



BIOGRAPHY

AIR FORCE RESEARCH LABORATORY

MR. DAVID S. LEE

Mr. David S. Lee is Turbine Engine Area Application Lead, Propulsion, Structures & Manufacturing Branch, Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio. Mr. Lee has responsibility for coordinating the Materials and Manufacturing Directorate efforts for turbine engine development and transition with other Air Force customers and military services. His team is focused a number of technology areas including CMC's, advanced casting, metals processing and manufacturing, and sustainment. Mr. Lee has significant investment casting and processing experience, especially in titanium and nickel superalloys for turbine components. Current efforts focus on low cost manufacturing technologies for turbine engines for expendable and attritable systems.

EDUCATION

1989 Bachelor of Science in Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio

1993 Masters of Science in Manufacturing Management, Kettering University (formerly General Management Institute (GMI)), Flint, Michigan

CAREER CHRONOLOGY

1. 1989 – 1994 Materials Research Engineer, Active Duty USAF, Air Force Research Laboratory, Materials and Manufacturing Directorate, Wright-Patterson AFB, Ohio
2. 1994 – 1997 Chief Mission Management Branch, Active Duty USAF, Space Test Program, Kirtland AFB New Mexico
3. 1997 – 1999, Program Manager, Alcoa Howmet Research Center, Whitehall, Michigan
4. 1999 – 2011, Engineering Manager, Metals Technology, Alcoa Howmet Research Center, Whitehall, Michigan
5. 2011 – 2013, New Process Implementation Leader, Alcoa Howmet Research Center, Whitehall, Michigan
6. 2013 – 2015, Program Manager, UES, Inc. Wright-Patterson AFB, Ohio
7. 2015 – 2019, Senior Materials Engineer, Propulsion Team Lead, Structures & Manufacturing Branch, Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright-Patterson AFB, Ohio
8. 2019 – Present, Turbine Engine Area Application Lead, Structures & Manufacturing Branch, Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright-Patterson AFB, Ohio



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