

# **SESSION 1**

## **PLENARY**

**Chair: Glen “David” Via**

The 2015 CS MANTECH technical program begins with a plenary session composed of three invited talks. Dr. Timothy Heidel from ARPA-E will describe his program Strategies for Wide Bandgap, Inexpensive Transistors for Controlling High-Efficiency Systems (SWITCHES). Dr. Daniel Green from the Microsystems Technology Office (MTO) of DARPA will provide an overview of their portfolio status and future of compound semiconductors for modern RF modules. The final talk of the session will be from Dr. Tatsuya Hosotani of Murata Manufacturing. Dr. Hosotani will discuss the importance of High Frequency Compound Semiconductor devices for Wireless Power Transfer and provide a demonstration of how the technology can be used.

