
September 11, 2017 Hotel Westin Tysons Corner

8:15 AM	Welcome Remarks
8:30 – 8:45 AM	Overview of TE3 and NETS program, Shashank Priya, Virginia Tech (15 minutes)
8:45 - 9:00 AM	James Gimlett, Program Manager, DARPA
9:00 - 9:45 AM	TE3 Component Presentations
	Tunable Piezoelectric Transformers, Alfredo V Carazo, Micromechatronics Inc (10 minutes)
	Voltage Tunable Capacitors, Craig Nies, AVX (10 minutes)
	Current Sensors, Eckhard Quandt, U Kiel (10 minutes)
	Thermal Management, Shashank Priya, Virginia Tech (5 minutes)
9:45 - 10:45 AM	TE3 Circuits / System Presentations
	Systems Platforms – Aircraft power distribution, Soldier power management, Aircraft LED lighting, Suman Dwari, UTRC (15 minutes)
	Tunable filters, Suman Dwari, UTRC (15 minutes)
	Power converters, Rolando Burgos, Virginia Tech (15 minutes)
	Tunable component simulation library, Khai Ngo, Virginia Tech (15 minutes)
10:45 - 11:00 AM	Break
11:00 - 11:30 AM	NETS Power Generator and Cascade module development; Matt Pearson, UTRC and David Stokes, RTI
11:30 - 12:00 PM	Break/Lunch
12:00 - 1:00 PM	<u>Working Lunch, System demonstrations and discussions</u>
	Current sensor – Eckhard Quandt, U Kiel
	Aircraft power distribution system, soldier power management, and LED lighting – Suman Dwari, Khai Ngo, Rolando Burgos, Alfredo V Carazo
	Thermoelectric cascade module – David Stokes, RTI
	Thermomagnetic generators – Shashank Priya
1:00 – 2:00 PM	Panel Discussion (led by industry) [Moderators: Scott Wartenberg and Tracy Hudson]
2:00 – 2:15 PM	Break
2:15 – 3:15 PM	Panel Discussion (led by government labs / centers) [Moderators: Roberto Diener and Mohan]
3:15 – 3:45 PM	Closing Remarks
