



Research Funding Opportunity

Program Title	Power Electronics – ARL Basic Scientific Research – Research Area 10.7
Solicitation/RFP Code	BAA W911NF-07-R-0001
Funding Organization(s)	U. S. Army Research Laboratory
Funding Amount(s)	Undefined – proposal & area specific
Application Deadlines	Continuous through 30 September 2011

Program Summary

RESEARCH AREA 10 - ELECTRONICS

10.7 Power Electronics

The goal of Power Electronics is to reduce the logistics burden on the warfighter through research and development into new and better ways to manage and create power for Army electronic components and systems. The research area includes the design of low peak power, highly efficient circuits and protocols for communications, radar transmitters, unattended ground sensors, and soldier electronics. It also involves high power management systems for all electric vehicles, directed energy systems, and high energy lasers. It involves novel power generation and distribution concepts including biomimetics, distributed generation, and nuclear batteries. It also includes renewable power strategies such as photovoltaics and energy harvesting, but does not include chemical battery or fuel cell technology.

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To view or download the full the full BAA go here: [W911NF-07-R-0001](http://www.acq.osd.mil/arl/w911nf-07-r-0001)