



Sandia  
National  
Laboratories

# Another Exceptional Year

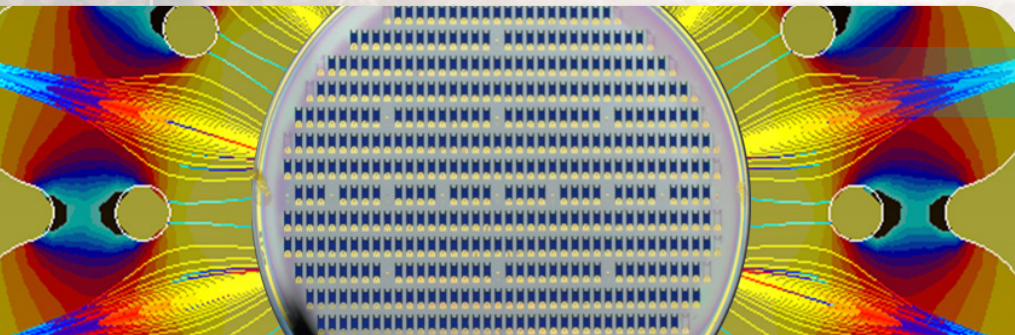
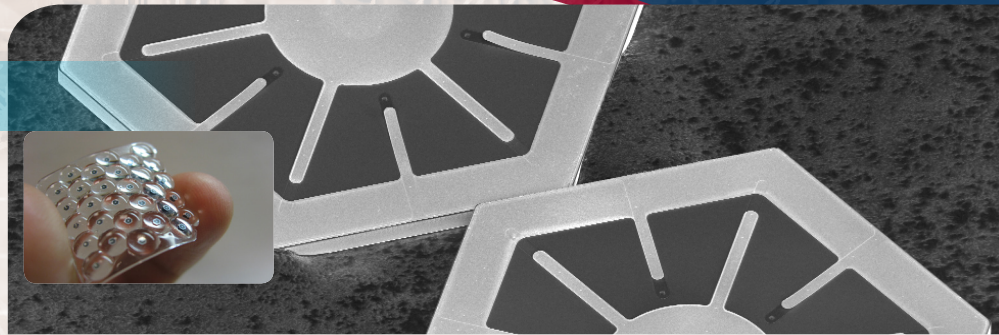
For Sandia National Laboratories

SAND2012-6107P

*Sandia salutes the members of its four  
R&D 100 winning teams.*

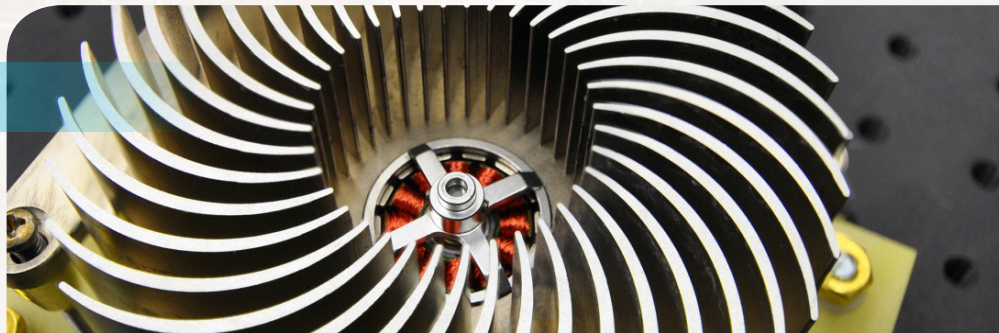
## *Microsystems Enabled Photovoltaics*

Microsystems Enabled Photovoltaics cells harness energy from a variety of light sources and power devices in flexible, moldable, or flat-plate formats.



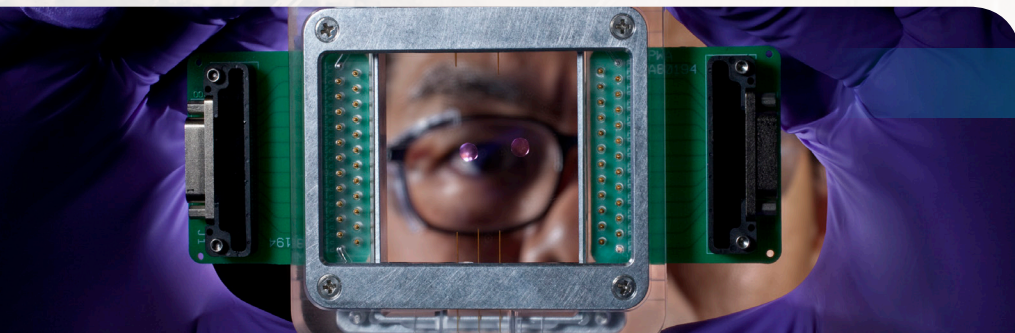
## *Sandia Cooler*

Sandia Cooler provides a >10-fold increase in heat transfer per unit fin surface area compared to conventional air-cooled heat exchangers for electronics and solid state lighting applications.



## *Neutristor*

Neutristor is an ultra-compact, disposable, neutron generator 1,000 times smaller than the closest competitor, for use in energy exploration and medical applications.



## *Sandia Digital Microfluidic Hub*

Sandia Digital Microfluidic Hub is a droplet-handling router that enables the interconnection of diverse processing and analysis modules to automate complex microliter-scale molecular biology sample-preparation protocols.

**For information about our programs, partnering with us, or employment opportunities: [www.sandia.gov](http://www.sandia.gov).**