

2014 R&D 100 Awards Winners

Primary Developer	2014 R&D 100 Winning Technology (Category)	Co-developers/Contributors
Oak Ridge National Laboratory	Portable Aluminum Deposition System (PADS) (Process Science)	United Technologies Research Center (UTRC) Univ. of Mississippi
Oak Ridge National Laboratory	Ionic liquid anti-wear additives for fuel-efficient engine lubricants (Chemicals)	General Motors Research and Development Center Shell Global Solutions (US) Lubrizol Corporation
Oak Ridge National Laboratory	Continuously Variable Series Reactor (CVSR) (Energy)	SPX Transformer Solutions Inc. University of Tennessee
Oak Ridge National Laboratory	Diagnosis Using the Chaos of Computing Systems (DUCCS) (Information Technologies)	
Oak Ridge National Laboratory	iSPM: Intelligent Software Suite for Personalized Modeling of Expert Opinions, Decisions, and Errors in Visual Examination Tasks (Software)	
Oak Ridge National Laboratory	Super-hydro-tunable HiPAS membranes (Materials)	
Arkansas Power Electronics International Inc. (APEI)	High-Performance Silicon Carbide-based Plug-In Hybrid Electric Vehicle Battery Charger (Energy)	Oak Ridge National Laboratory Univ. of Arkansas Toyota Research Institute of North America Cree Inc. Advanced Research Projects Agency - Energy
Filter Sensing Technologies Inc.	RF-DPF Diesel Particulate Filter Sensor (Environmental Technologies)	Massachusetts Institute of Technology Oak Ridge National Laboratory