



## **TECHNOLOGY**

# **S.P.U.R.S. (Suspension Power Utilization and Recovery System)**

## **OVERVIEW**

Researchers at the University of Maryland have developed an improved electromechanical system that converts kinetic energy of an automobile's suspension system, among others, in addition to existing braking conversion systems. This suspension energy harvesting system is also known as SPURS (Suspension Power Utilization and Recovery System).

The SPURS system is designed to supplement a hybrid vehicle's electrical system. The system is lightweight, meets space restraints of any vehicles, is very efficient at harnessing the suspension's kinetic energy, and is low in cost.

For additional information, please contact the Office of Technology Commercialization, University of Maryland College Park, via e-mail at [otc@umd.edu](mailto:otc@umd.edu) or phone at 301-405-3947.

## **CONTACT INFO**

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## **Additional Information**

### **INSTITUTION**

University of Maryland, College Park

### **LICENSE STATUS**

Contact OTC for licensing information

### **CATEGORIES**

- Engineering
- Power Electronics
- Clean Technology

### **EXTERNAL RESOURCES**

PS-2008-098