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**The 13th IEEE Vehicle Power and Propulsion Conference**

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#SS5 - Special Session on  
**ENERGY MANAGEMENT OF ELECTRICAL HYBRID ENERGY SOURCES FOR ZERO  
EMISSION VEHICLES**

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## Call for Papers

Nowadays, electric transportation systems are becoming an interesting alternative to internal combustion engine because of law pressure and environmental issues. The key components of electrified transports are energy sources. Each electrical energy source or energy storage system has specific features (in term of reversibility, power, energy...) making it suitable for specific applications (energy recovery, peak power supply, current smoothing...). Thus, mixing energy sources is a way to make electric transportation more efficient.

Hybrid energy sources and energy storage systems control is consequently a key point of zero emission vehicle traction and ancillaries power supply. The goal of this special session is the control methodology and/ or the management strategy of multiple energy sources and energy storage systems (for example battery and supercapacitors) in purely electrical transportation systems. Energy sources are considered here as subsystems of electric transports. Some simulations and/ or experimental results involving the whole system are needed.

### Sources of interest:

- Battery
- H<sub>2</sub> and Fuel cell
- Flying wheel and electrical machine
- Supercapacitors
- Grid supply

### Applications of interest:

- Road and railway transports
- Other electric vehicles

### Deadlines:

Submission of digests: ~~March 31, 2016~~ April 30, 2016  
Notification of acceptance: May 15, 2016  
Submission of full papers: July 15, 2016

All special session digests must be prepared and submitted in the same way as those for the conference regular tracks (see <http://www.vppc2016.org/>), except that the corresponding special session should be identified during submission.

