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Actuators for Intelligent Electric Vehicles

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Message from the Guest Editors

The electrification and intelligence of automobiles have become popular in recent years. The intelligent electric vehicle (IEV) is a transformative technology that is expected to change and advance the safety, comfort, efficiency, handling stability, and maneuverability of automobiles.

This Special Issue aims to attract papers devoted to any aspect of advanced actuators for IEVs and the design of control algorithms. The topics of interest within the scope of this Special Issue include, but are not limited to, the following:

X-by-wire actuator for IEVs;
Advanced actuators for steering, braking, and driving;
Control of active suspension system;
Advanced control algorithms for IEVs;
Collaborative control of human driver and IEV;
Advanced Driving Assistance System (ADAS);
Decision making, motion planning, and control of IEVs;