Special Issue

Analysis and Synthesis of Coordinated Control Systems for Automated Road Vehicles

Message from the Guest Editor

The goal of the Special Issue is to propose analysis and synthesis methods, with which safe and energy-optimal coordination strategies of automated vehicle control systems can be achieved. It poses various control-theoretical challenges, e.g., the handling of nonlinearities, the formulation of uncertainties, and the assessment of performance issues in automated systems. Nevertheless, the conventional reconfigurable, robust parameter-varying, and nonlinear methods provide a starting-point for finding solutions for the recent problems. Moreover, through the novel data-driven and learning-based approaches, promising results in the field of automated vehicle control have been achieved.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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