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Invited session: Advanced control for energy efficient powertrain

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Description: Powertrain system is one of the most important parts no matter for traditional vehicles, but also for electric vehicles. As well as the power, the energy efficiency is the key design and optimization objective of current powertrain systems. During the past few years, various new technologies have been applied to powertrain systems for saving energy consumption and improving the energy efficiency. Advanced design and control have played an important role in these new technologies. Therefore, we organize a special issue on advanced design and control for energy efficient powertrain.

Topics of the Session

- Optimization of vehicle powertrain
- Advanced engine control
- Electric motor design and control
- Engine aftertreatment system
- Control problems of hybrid electric vehicles

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