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Advances in Control for Electric Vehicle

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Message from the Guest Editors

Recent trends in automotive engineering point out that the influence of an electric powertrain, especially in the case of individual on-board and in-wheel motors, on electric vehicle dynamics in terms of stability, handling, agility, and comfort should be carefully considered on various development and design stages. On the other hand, onboard and in-wheel motors can not only be used in traditional vehicle dynamics control systems such as ABS or ESC but can also cause emerging new motion control functions through the blended operation of various powertrain and chassis actuators. All these factors should be properly considered in studies on vehicle dynamics and motion control system design for electric vehicles.

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Message from the Editor-in-Chief

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