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Special Session on
“Motion Control for Advanced Mechatronics”

Organized by
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Call for Papers

Theme: (100 words)
Motion control technologies are required in varieties of recent mechatronic applications, particularly in the era of Industry 4.0. In order to improve their environmental adaptability, sensors and actuators are also playing a key role for mechatronic systems. Smart control strategies, advanced modelling of human and machines, high precision sensing, and innovative actuators are the key in the cutting edge studies. The scope of the session is to bring together prominent researchers in the field of motion control, sensor and actuator and provide a site for open discussion.

Topics of interest include, but are not limited to:
● Advanced control strategies in motion control.
● High precision positioning techniques
● Automotive motion control including electric and hybrid vehicles
● Motion control for human-friendly systems (assistive/rehabilitations)
● High precision sensing
● Physical human robot interactions
● Backdrivable actuators
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IES Technical Committee Sponsoring the Special Session (if any):

TC Motion Control and TC Sensors and Actuators