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Collaborative Mechatronics Systems

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Message from the Guest Editors

Mechatronics systems are multi-disciplinary systems, and their operation principles involve interactions of different principles in different scientific domains, typically electric and mechanical domains. To mechatronic systems that operate together with humans, human factors become extremely important in terms of the ultimate task performance and the safety of human operators. Mechatronic systems in this context are called collaborative mechatronic systems. The key issues with collaborative mechatronic systems are communication and cooperation with human operators. More specifically, they are about how a mechatronic system knows a human operator's physical and mind state and how a mechatronic system operates with a human operator to accomplish their common goal while guaranteeing a high degree of safety and health to the human operator.

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Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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