

Editorial Note on Robotics

Chinthala Mounica*

Department of Computer Science, Osmania University, India

Editorial Note

Social Robotics is the investigation of robots that can cooperate and impart among themselves, with people, and with the earth, inside the social and social structure joined to its job. The journal covers a wide range of subjects identified with the most recent innovations, new exploration results and advancements in the territory of social mechanical autonomy on all levels, from improvements in core empowering advances to framework combination, aesthetic design, applications and social implications. It gives a platform to similar analysts to introduce their discoveries and most recent improvements in social robotics, covering important advances in engineering, computing, arts and social sciences.

The journal publishes unique, peer reviewed articles and commitments on creative thoughts and ideas, new revelations and enhancements, as well as novel applications, by leading researchers and developers with respect to the most recent principal propels in the center advances that structure the foundation of social robotics, recognized formative undertakings in the zone, just as original works in aesthetic design, morals and reasoning, concentrates on social effect and impact, relating to social mechanical autonomy.

The journal aims to provide an overview of the current state of the social robotics scene, how the field and related technologies are set to evolve in the future, and their impact on society at large. It also provides researchers in diverse fields - from engineering, to the social sciences - and developers in the area a consolidated volume which details the latest developments and act as an international forum for all issues within the editorial focus.

It is one of the constantly growing areas of applied research that dealing with processing and analysing of visual digital data capture. It plays a key role in the development of intellectual systems and empowers decision making for some of the future robot, autonomous systems, industrial process and manufacturing.

Some of the interesting topics of scientific papers

Affective and cognitive sciences for socially interactive robots, Human-robot interaction and robot-robot interaction, Compliance, safety and compatibility in the design of social robots "living" with humans, Learning, adaptation and evolution of intelligence, Roboethics in human society, Social acceptance and impact of robots in the society, Design philosophies and socially appealing design methodologies, Socially assistive robotics, Biomechatronics, neuro-robotics, and biomedical robotics, Context awareness, expectation and intention understanding, Human factors and ergonomics in human-robot interactions, Interaction and collaboration between robots, humans and environments, Intelligent control and artificial intelligence for social robotics, Interactive robotic arts, Knowledge representation, information acquisition, and decision making, Models of human and animal social behavior as applied to robots, Multimodal sensor fusion and communication, Edutainment robotics, Robotics applications in healthcare and aged care, Perception and modeling of humans and their behavior, Socially-aware robot navigation, task and motion planning.

Provides an overview of the current state of the social robotics field, Highlights innovative ideas and concepts, new discoveries and improvements, as well as novel applications in the core technologies of social robotics.

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*Address for Correspondence: Chinthala Mounica, Department of Computer Science, Osmania University, India, E-mail: chinthalamounica93@gmail.com

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