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Advances in Social Robotics

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Deadline for manuscript submissions:
closed (15 July 2023)

Message from the Guest Editors

Dear Colleagues,

Social robotics is an active research area in artificial intelligence that deals with the study of robots capable of interacting and communicating with each other, humans, and the environment, respecting social and cultural restrictions as much as possible, while performing their function.

Some challenges in this area include managing the sensory capacity of robots to allow them to gather the information needed for the recognition of human emotions; improving machine learning techniques for social robots; managing different modalities with efficient fusion methods; and elucidating how social robots can be taught social behaviors based on proxemics. This Special Issue aims to enable synergy among these aspects and to provide a space to analyze, present, and discuss the latest research and development issues, as well as propose theoretical foundations for research on combining solutions to develop efficient and suitable solutions for emotion and sentiment detection, including proxemic HRI for social robots.

For detailed information, please visit here.

Dr. Yudith Cardinale
Prof. Dr. Shikha Tripathi
Guest Editors

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Message from the Editor-in-Chief

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