Special Issue

Designing Human-Robot Interaction Based on Human Personality

Message from the Guest Editors

Social robots are currently being developed to improve the quality of life of people in terms of cognitive care, rehabilitation, and companionship. For example, since humans are emotional creatures and respond more agreeably to similar personality types, robots would need a a more intuitive way to capture user's personal characteristics and match itself toward the user's personal characteristics for better human-robot interactions. This special issue aims to understand human personality for designing better human-robot interaction (HRI). Articles should target quantitative analysis of human personality using objective as well as subjective data. The data can be collected directly through facial movement, speech, sound, gesture, bio-signals, or can be collected in a manner of evaluation using well-made scales. The articles that can characterize human personality for design HRI are welcome. Specifically, this issue is intended to publish an advanced research in the field of human-robot interaction, human-AI interaction.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2021)

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/si/39982

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Editor-in-Chief

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