



Semantics of Multimodal Social Interaction

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Message from the Guest Editors

Dear Colleagues,

The increasing complexity of modern human–computer systems and interfaces results in an increasing demand for intelligent social interaction that is natural to users and exploits the full potential of spoken and multimodal communication. Many real-life interactive situations involve more than the exchange of information, decision making, or problem-solving.

This Special Issue aims at presenting interdisciplinary research at the interface of artificial intelligence, computational linguistics, psycholinguistics, cognitive science, and human–computer interaction, focussing on the semantic and cognitive modelling of human social multimodal behaviour.

We invite contributions that deal with the modelling of human social behaviour and its interpretation. Topics range from multimodal behaviour recognition and social signals processing, analysis and annotation of multimodal interactive patterns, and semantic and pragmatic interpretation of multimodal interactive behaviour, to computational models of social cognition and multimodal dialogue.

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