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Recent Advances in Multimodal Conversational Systems

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

Conversational interfaces make it possible for humans to communicate with machines in natural language and have become widespread in the interaction with virtual assistants, mobile devices and smart environments. In multimodal and multisensory settings, different modalities can complement and enrich each other to provide additional flexibility and accuracy.

Original papers are solicited on, but not limited to, the following areas:

- multimodal conversational interfaces
- dialogue systems, embodied conversational agents and their applications
- theory and foundations of multimodal interaction
- understanding multimodal human–human conversation
- multimodal data capturing, annotation and representation
- multimodal sensing and signal processing
- modality representation, alignment and fusion
- cross-modal learning
- dialogue modelling and management
- error detection and correction in multimodal interaction
- user adaptation and personalization
- expressive multimodal behaviour recognition and production
- architectures for developing multimodal conversational



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Special Issue

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