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• to stimulate cross-fertilization between different fields of this domain;
• to contribute towards the rapid and wide diffusion of scientifically sound contributions in this domain.

Subject Coverage:
Subject areas covered in this journal include:
• Basics of oral communication and dialogue: modelling of production and perception processes; phonetics and phonology; syntax; semantics and pragmatics of speech communication; cognitive aspects.
• Models and tools for language learning: functional organisation and developmental models of human language capabilities; acquisition and rehabilitation of spoken language; speech & hearing defects and aids.
• Speech signal processing: analysis, coding, transmission, enhancement, robustness to noise.
• Models for automatic speech communication: speech recognition; language identification; speaker recognition; speech synthesis; oral dialogue.
• Development and evaluation tools: monolingual and multilingual databases; assessment methodologies; specialised hardware and software packages; field experiments; market development.
• **Multimodal human computer interface**: using speech I/O in combination with other modalities, e.g., gesture and handwriting.
• **Forensic speech science**: forensic voice comparison; forensic analysis of disputed utterances; speaker identification by earwitnesses.

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