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Sommario/riassunto	The International Conference TSD 2005, the 8th event in the series on Text, Speech, and Dialogue, which originated in 1998, presented state-of-the-art technology and recent achievements in the field of natural language processing. It declared its intent to be an interdisciplinary forum, intertwining research in speech and language processing with its applications in everyday practice. We feel that the mixture of different approaches and applications offered a great opportunity to get acquainted with the current activities in all aspects of language communication and to witness the amazing vitality of researchers from developing countries too. The financial support of the ISCA (International Speech Communication Association) enabled the wide attendance of researchers from all active regions of the world. This year's conference was partially oriented towards multi-modal human-computer interaction (HCI), which can be seen as the most attractive topic of HCI at the present time. In this way, we are involved in a rich complex of communicative activity, facial expressions, hand gestures, direction of gaze, to name but the most obvious ones. The interpretation of each user utterance depends on the context, prosody,

facial expressions (e. g. brows raised, brows and gaze both raised) and gestures. Hearers have to adapt to the speaker (e. g. maintaining the theme of the conversation, smiling etc.). Research into the interaction of these channels is however limited, often focusing on the interaction between a pair of channels. Six significant scientific results achieved in this area in the USA, Japan, Switzerland, Germany, The Netherlands, and the Czech Republic were presented by keynote speakers in special plenary sessions. Further, approx.
