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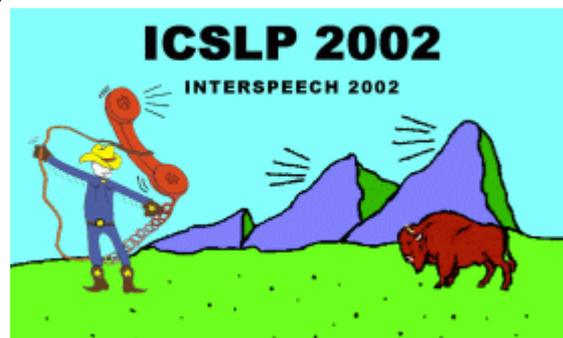http://www.isca-speech.org/archive

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Design for a Speech-to-Speech Translator for Field Use

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We present the design of a proposed Two-Way Translator that we are developing for simple communication between US military or humanitarian personnel and non-English speakers in a foreign country. The translator uses a system-directed dialogue technique, and is intended for use in a handheld device. A novel aspect of our work is its use of statistical information extraction techniques to assist in the translation.

Full Paper

Bibliographic reference. Stallard, David / Natarajan, Premkumar / Noamany, Mohammed / Schwartz, Richard / Makhoul, John (2002): "Design for a speech-to-speech translator for field use", In *ICSLP-2002*, 1705-1708.