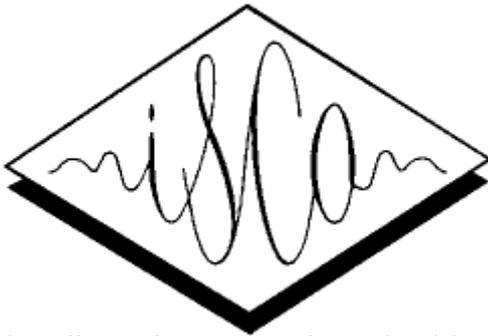


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The IRST English-Spanish Translation System for European Parliament Speeches

Daniele Falavigna, Nicola Bertoldi, Fabio Brugnara, Roldano Cattoni, Mauro Cettolo, Boxing Chen, Marcello Federico, Diego Giuliani, Roberto Gretter, Deepa Gupta, Dino Seppi

FBK-irst, Italy

This paper presents a full-fledged spoken language translation system developed at IRST during the TC-STAR project. The system integrates automatic speech recognition with machine translation through the use of confusion networks, which permit to represent a huge number of transcription hypotheses generated by the speech recognizer. Confusion networks are efficiently decoded by a statistical machine translation system which computes the most probable translation in the target language. This paper presents the whole architecture developed for the translation of political speeches held at the European and Spanish parliaments from English to Spanish and vice versa.

[Full Paper](#)

Bibliographic reference. Falavigna, Daniele / Bertoldi, Nicola / Brugnara, Fabio / Cattoni, Roldano / Cettolo, Mauro / Chen, Boxing / Federico, Marcello / Giuliani, Diego / Gretter, Roberto / Gupta, Deepa / Seppi, Dino (2007): "The IRST English-Spanish translation system for european parliament speeches", In *INTERSPEECH-2007*, 2833-2836.