

Hands-free in-car speech interaction in the VICO project

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ABSTRACT

This paper presents goals, system architecture and main results of VICO (Virtual Intelligent CO-driver), a project aiming at the development of an intelligent conversational agent enabling natural hands-free interaction between humans and digital devices in the car. The underlying design principles and system framework are given, as well as an overview of the components of the final prototype working in a real environment. Finally the results of the evaluation phase are discussed.