## Novel communication concepts for municipal information services



**NEUROINFORMATICS** Research Group

EKŠTEIN, K., HITZENBERGER, L., KLE?KOVÁ, J., KRUTIŠOVÁ, J., KUBIŠTA, J., MATOUŠEK, V., MOU?EK, R., TAUŠER, K. Novel communication concepts for municipal information services. In *SoftCOM 2003*. Split: Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture University of Split, 2003. s. 705-709. ISBN: 953-6114-64-X

In this paper we report on some problems arising during the building of a bilingual dialogue system, concerning especially robust speech recognition method, linguistic analysis of incomplete utterances and their sementic interpretation, dialogue modelling and dialogue control, system response generation, as well as a unique knowledge based technique of automated generation of a corpus of training sentences.

07.10.2003

Split