1. Record Nr. UNINA9910785456103321 Autore Lison Pierre Titolo Robust processing of spoken situated dialogue [[electronic resource]]: a study in human-robot interaction / / Pierre Lison Hamburg, : Diplomica Verlag, c2010 Pubbl/distr/stampa **ISBN** 3-8366-4113-5 Descrizione fisica 1 online resource (198 p.) Disciplina 660.281 Soggetti Natural language processing (Computer science) Automatic speech recognition Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Summaries in German and French. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Robust Processing of Spoken Situated Dialogue; Abstract; Zusammenfassung; Resume; Acknowledgements; Introduction; I Background; II Approach; III Evaluation & Conclusion; IV Appendices Sommario/riassunto Recent years have witnessed a surge of interest for service robots endowed with communicative abilities. Such robots could take care of routine tasks, in homes, offices, schools or hospitals, help disabled or mentally impaired persons, serve as social companions for the elderly, or simply entertain us. They would assist us in our daily life activities. These robots are, by definition, meant to be deployed in social environments, and their capacity to interact naturally with humans is

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thus a crucial factor. The development of such ""talking robots"" led to