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	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 thus a crucial factor. The development of such ""talking robots"" led to the emergence of a new research fie