This talk presents an overview of the emerging research domain of human-robot interaction (HRI). Robots are shifting from manufacturing machines that require and enable little interaction with humans, to autonomous entities that can tackle various tasks and are more aware of their environment and their users. The interdisciplinary HRI research effort explores the design and usability evaluation of new interaction techniques between humans and robots. The discussion will include some of the more intriguing aspects of current HRI research, such as synthetic emotions and sociable robots.

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*The lecture will be conducted in Hebrew.