

【Abstract of 2009 Grant – in – Aid for Scientific Research on Innovative Areas
(Research in a proposed research area)】

Title of project	Founding a creative society via collaboration between humans and robots
Head Investigator Name	MIYAKE Naomi, The University of Tokyo, Graduate School of Education, Professor
Abstract of Research Project	Robots are moving out from laboratories into our daily lives, and the focus of research has been shifting to social considerations, such as how people should interact with robots and what behaviors robots should perform, rather than functions and robotics techniques. This project takes the approach of integrating robotics and cognitive science, aiming at establishing a new model society in the near future, where humans and robots help and learn from each other based on trust and understanding of the roles each party should play. The key concept is to shift the role of the robot from “human-like interaction partner” to a social entity which stimulates constructive, cooperative activities between people and improves the quality of their interpersonal interactions.
Term of Project: 2009–2013	