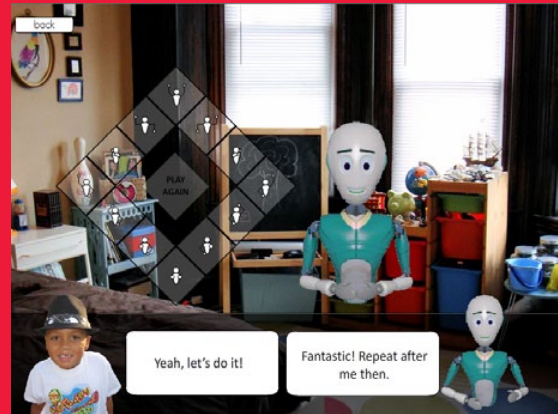


# TEAM INNOROBOTS

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# SOCIAL ROBOTICS

## Solution

Social robotics is a not very well known, but is an aspiring area of science which explores the possibility of implementing robots into social environments and tasks. As a not very well-known subject, researchers must explain the very basics whenever they want to spread their knowledge on the matter. The solution created by the Inno-Summer 2011 team Social Robotics is a good-looking, fun and interactive presentation which both experts and a general audience can use to explain what social robotics is all about.

## The Team

During the summer of 2011, the team worked full-time on the project, as part of the Demola InnoSummer 2011. The team consisted of four people with very different backgrounds both technically and culturally. Social Robotics was created with Iranian mechatronics-expertise, a spanish passion towards programming and open source, alongside some Finnish Flash knowledge and concept design.

## Project

The final product of the project is a interactive presentation which consists of dynamic flash graphics, Action Script 3 programming and a sweet dynamic text-to-speech program that was modified from an open source one. Together these elements create a kind of virtual social robot called ILO, with which the presenter can interact in an interview to ask the robot for knowledge on social robotics. After the interview the presentation can be taken into multiple different semi-interactive scenarios which show in more detail how social robotics could help and possibly be implemented into the everyday lives of different people, such as children or people with brain-related conditions such Alzheimer's disease.

## Future

There are plans to establish Tampere as the social robotics-capital of Finland, but it is unclear whether that should have any connection to this project at this point.

