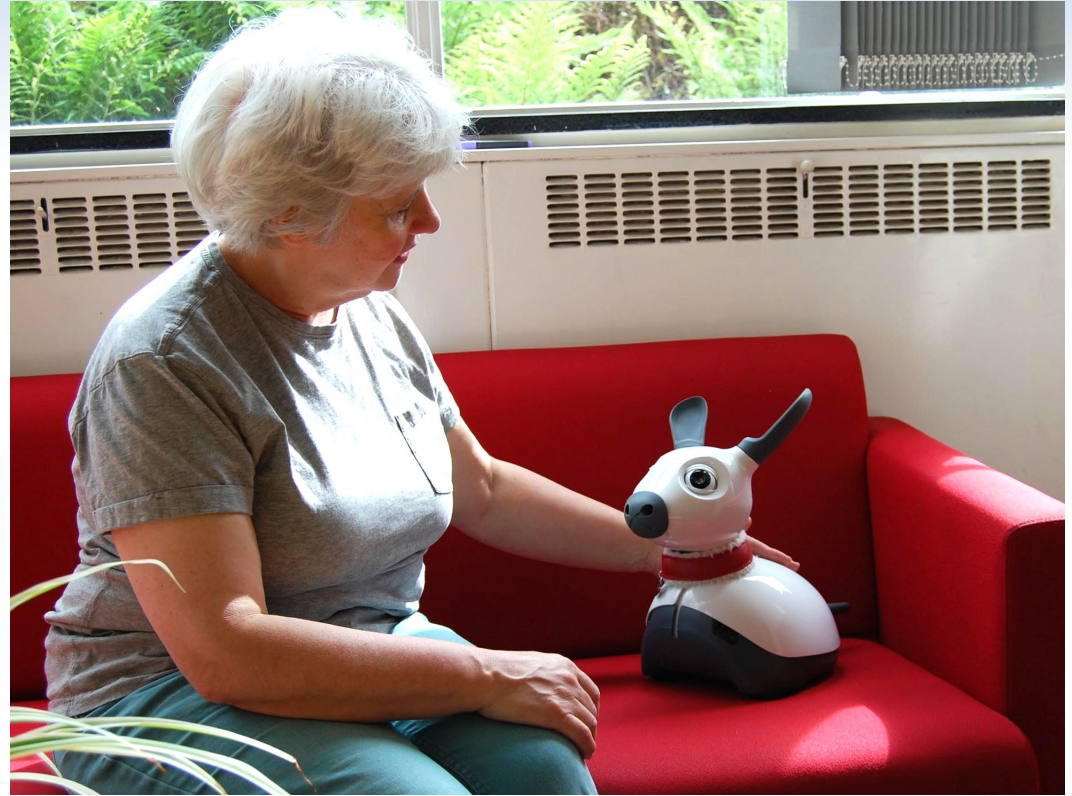


MiRo: A Playful Companion

Introduction

- Modelled on various animals, MiRo is designed to be a social companion
- Vision, light, audio and tactile sensors allow him to perceive his environment
- Using motors and lights he can provide emotive interactions



Why is it important?

- For an aging population, MiRo can provide friendship and reduce loneliness
- Can detect accidents and call for help
- Can help children learn how to care for animals



How is it done?

- He can map an area and detect people to interact with
- He can communicate with other Internet enabled devices around the house to assist.
- If he detects a person lying on the floor, he can raise an alarm

What's next?

- Detecting your emotions and responding accordingly
- Over a period of time start to learn your normal routines and normal behaviours
- Detecting changes in moods over time, which might be early signs of depression