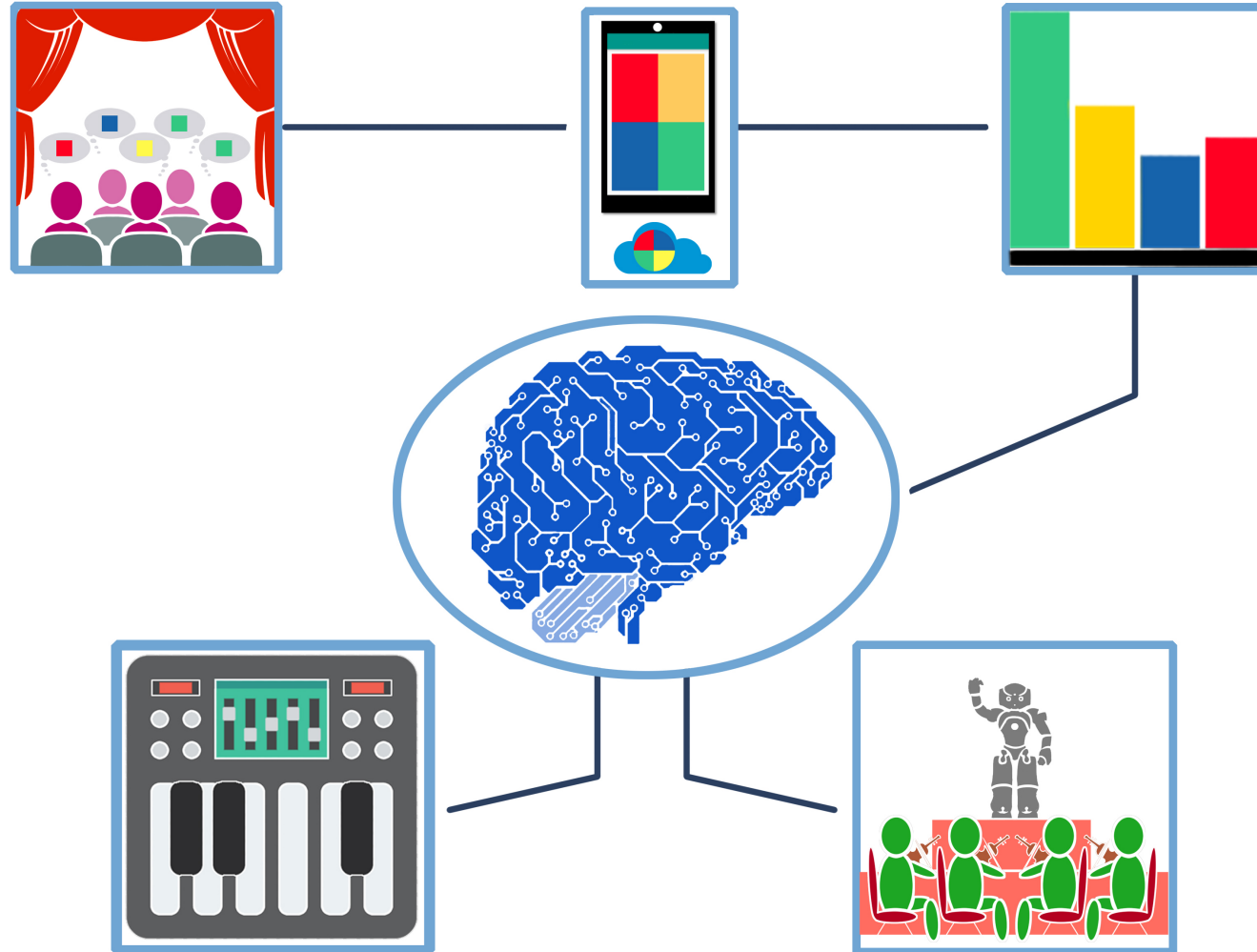
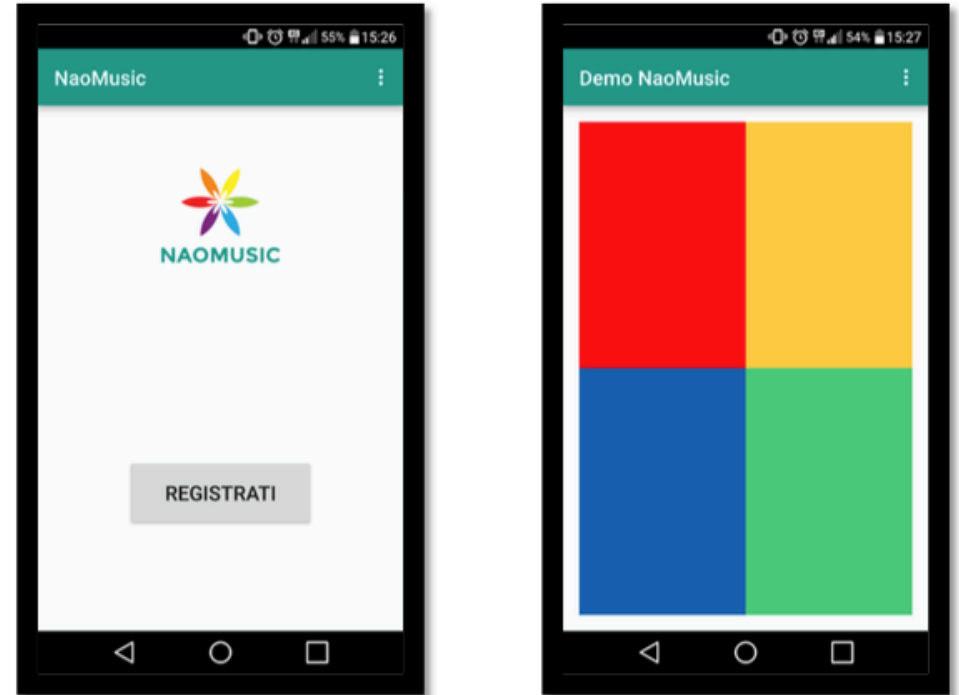


# The Project “Nao Music”

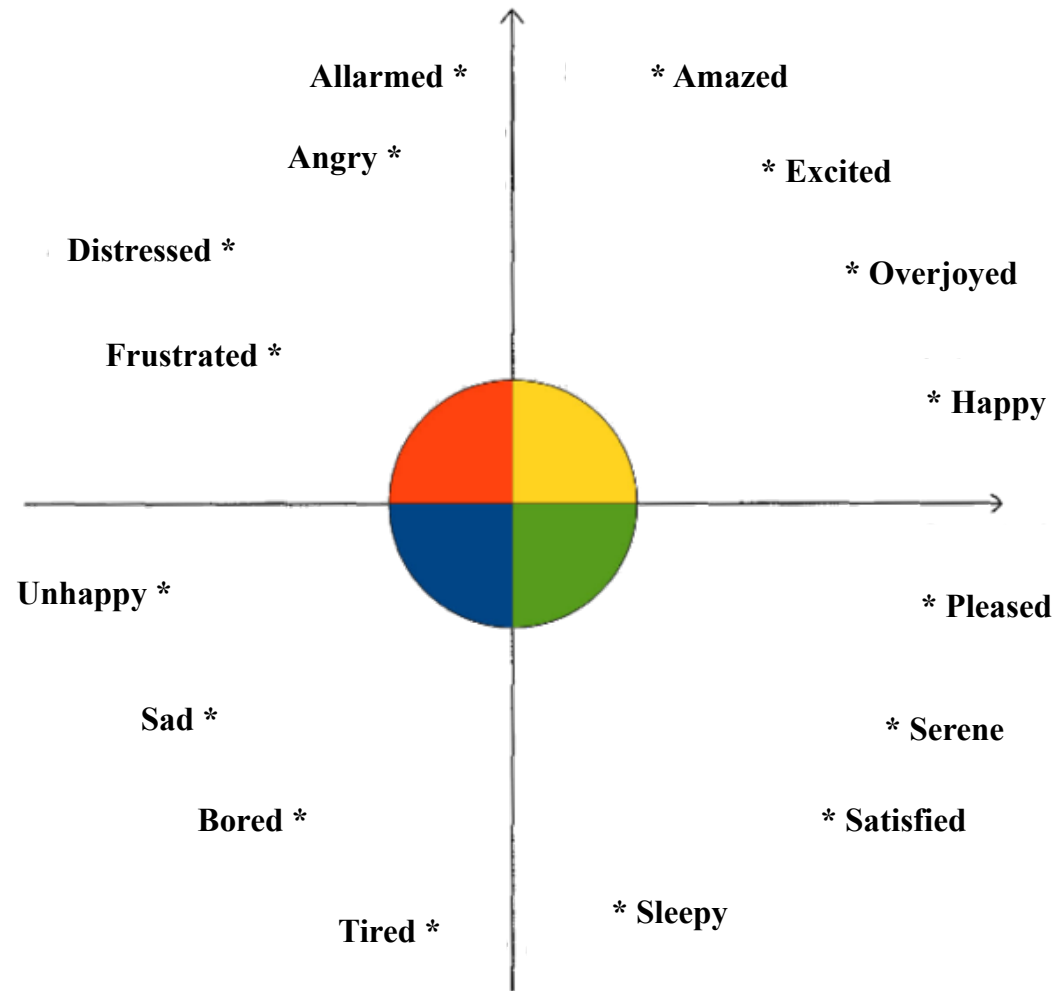


# Application Android

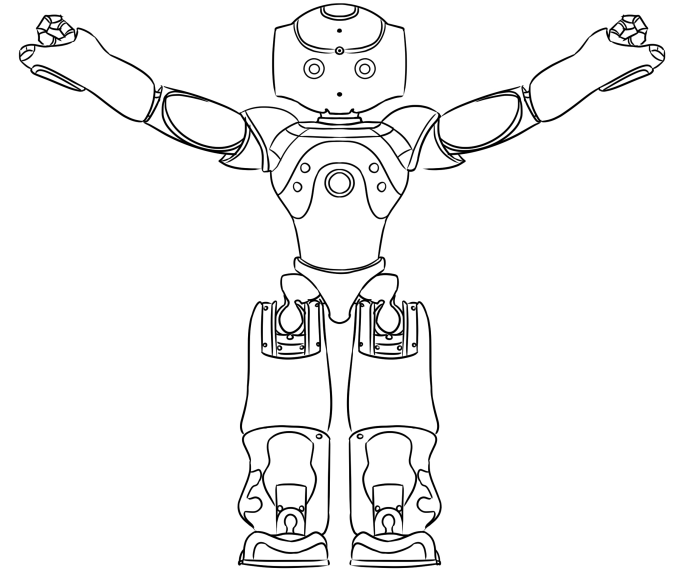
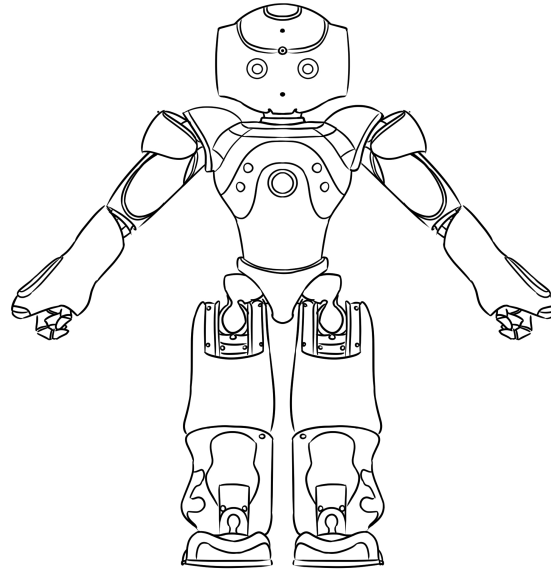
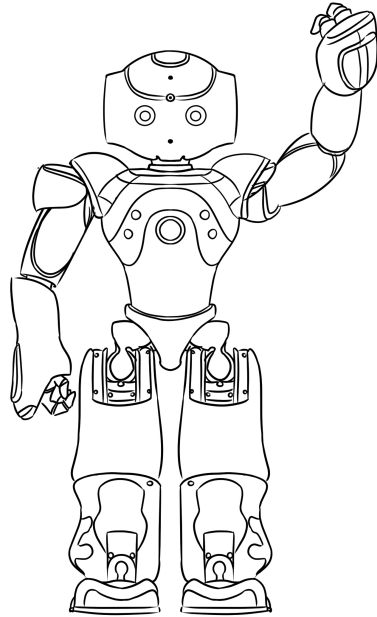
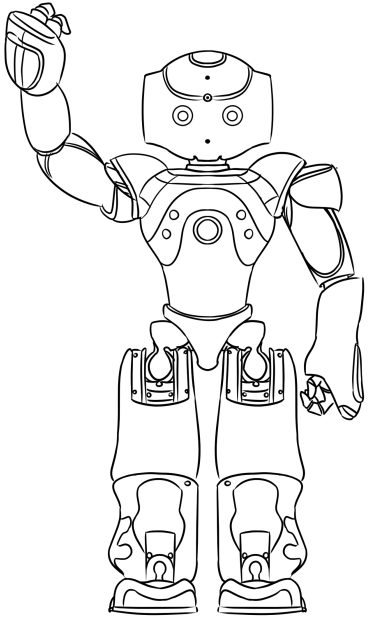
- Provided to the participants
- Allows you to interact with the show
- Each color is connected to a range of emotions



# Russell's Circumplex



# Robotic Interaction



# Music Structure

Four scores that can be dismantled into different and connectable instrumental ensemble

- A Electronic
- B Piano + Percussion + Electronic
- C Viola + Cello + Percussion + Electronic
- D All Strings + Electronic
- E All Instruments



# Objects, Techniques and Software

## Objects:

Wood, Polystyrene, Glass, Plastic, Human voice

## Techniques:

Time stretching, Granular and additive synthesis, FM, Filter, Delay

## Software:

Ableton Live, Paul Stretch, GRM tools, Waves, Logic Pro X

I.C.A.R.O. Show 2017/10/19 : 90 users and 6053 collected preferences



# Future Prospects

Show by streaming and engagement of international audience in real time

Use of BCI which allows to interact remotely even to an alas patient





# Work Team



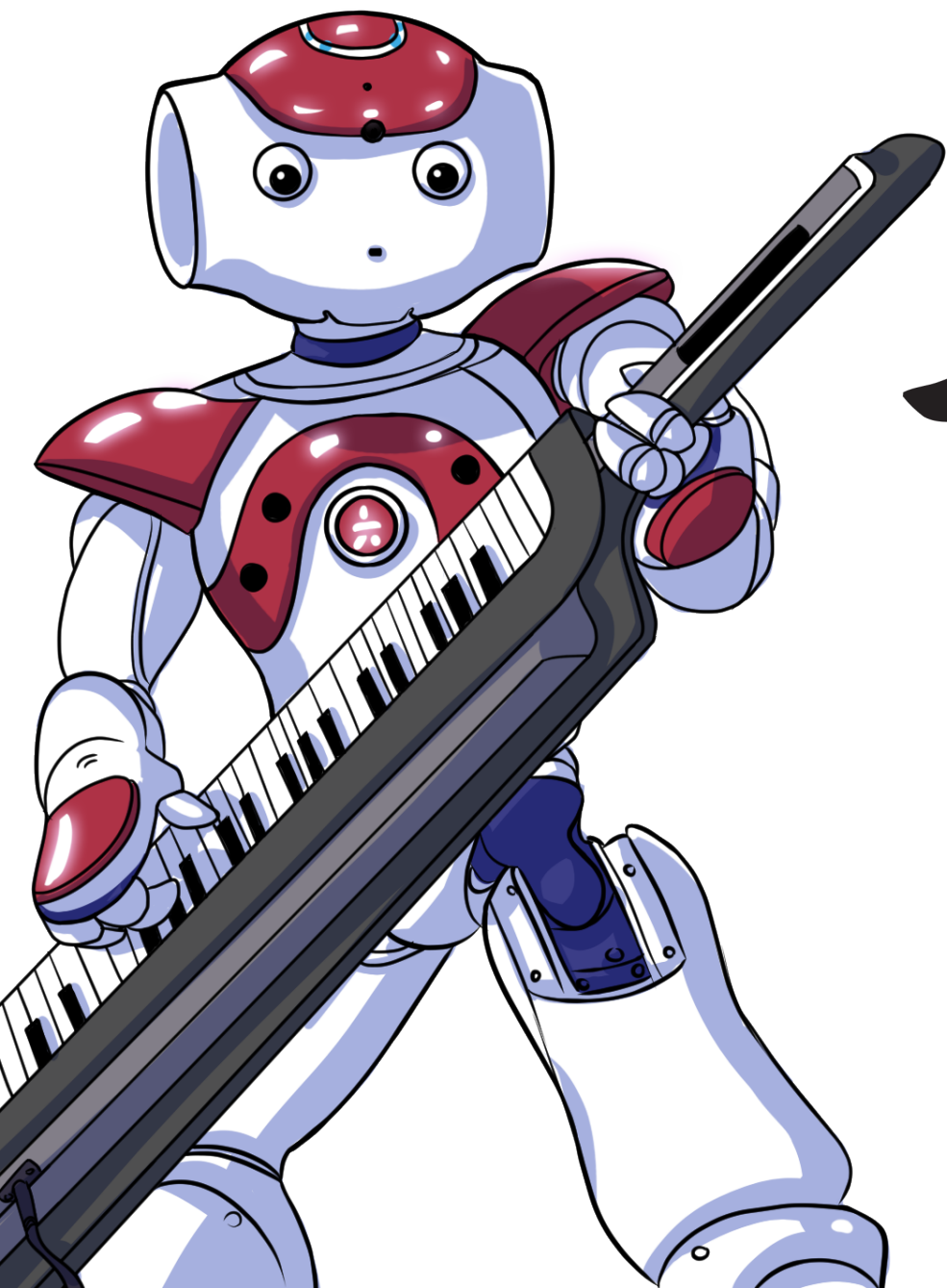
M. Marco Betta  
M. Fabio Correnti  
M. Giuseppe Rapisarda  
M. Emanuele Casale

Francesco Corsello  
Vincenzo Caravello



Prof. Antonio Chella  
Prof. Rosario Sorbello  
Ing. Emanuele Giardina  
Ing. Salvatore Tramonte

Ing. Samuele Vinanzi  
Ing. Claudio Zito



*Thanks for  
your attention!*