Experiment design

Hardware

Computers

PC1

- Used for webcams and Kinect 1
- GIGABYTE BRIX Pro model no. GB-BXi7-5775
- Intel Core i7-5775R CPU @ 3.30 GHz
- 16GB RAM
- Windows 8.1 Pro 64-bit, build 9600
- GazeSense 1.0.1 for Kinect
- ManyCam Free 5.8 for webcams?

PC2

- Used for Tobii glasses and Kinect 2
- GIGABYTE BRIX Pro model no. GB-BXi7-5775
- Intel Core i7-5775R CPU @ 3.30 GHz
- 16GB RAM
- Windows 8.1 Pro 64-bit, build 9600
- Tobii software 1.64.6879

PC3

- Used for microphones and Kinect 3
- Intel NUC model no. NUC6i5SYK
- Intel Core i5-6260 CPU @ 1.80 GHz
- 16GB RAM
- Windows 10 Home 64-bit, build 14393.1480

MOCAP

- Used for motion capture
- Dell Precision T7500
- Intel Xeon E5620 CPU @ 2.40 GHz
- 12 GB RAM
- Windows 7 Professional Service Pack 1 64-bit, build 7601
- 10-camera Vicon motion capture system with Vicon MX-GIGANET and Vicon Tracker version 2.2.0.73817H x64
- Each player wears a baseball cap backwards with four motion capture points on the bill

- Optional: Each player wears fingerless gloves with four motion points on the back of the hand

Audio

Sound cards

Identifier	Model
SC1	M-Audio Fast Track Pro
SC2	M-Audio Fast Track Pro
SC3	Zoom H4n Handy Recorder

Input devices
- 3 Shure WH20 dynamic headset microphones for player "black", "orange" and "pink"
- 3 Shure WL184 lavalier condenser microphones player "blue", "brown" and "white"

Video and eye tracking
- 2 Logitech Pro Webcams for recording faces of player "blue" and "white"
- 1 Logitech QuickCam Ultra Vision webcam for recording face of player "brown"
- 3 Tobii Pro glasses for tracking gaze of player "blue", "brown" and "white"
- 3 Microsoft Kinect motion sensors for tracking gaze of player "black", "orange" and "pink"
- 2 GoPro Hero 3+ camcorders for recording faces of player "orange" and "pink" (IDs: "GP31" and "GP32")
- 1 GoPro Hero 2 camcorder for recording face of player "black" (ID: "GP2")
- Panasonic HC-V380 camcorder with 64GB SD card for recording Furhat
- Panasonic HC-V380 camcorder with 64GB SD card for recording entire interaction

Network
- D-Link AirPlus Xtreme G LAN
- Tobii glasses connected to same router albeit via 2.4 GHz WiFi

Participant equipment

White
- Tobii Glasses 1 ("TG1")

- Logitech Pro Webcam 1 ("WC1")
- Shure WL184 microphone

Pink

- Kinect 1
- GoPro Hero 3+ camcorder ("GP31" or "GP32")
- Shure WH20 headphones

Blue

- Tobii Glasses 2 ("TG2")
- Logitech Pro Webcam 2 ("WC2")
- Shure WL184 microphone

Orange

- Kinect 2
- GoPro Hero 3+ camcorder ("GP31" or "GP32")
- Shure WH20 headphones

Brown

- Tobii Glasses 3 ("TG3")
- Logitech Pro Webcam 3 ("WC3")
- Shure WL184 microphone

Black

- Kinect 3
- GoPro Hero 2 camcorder ("GP2")
- Shure WH20 headphones
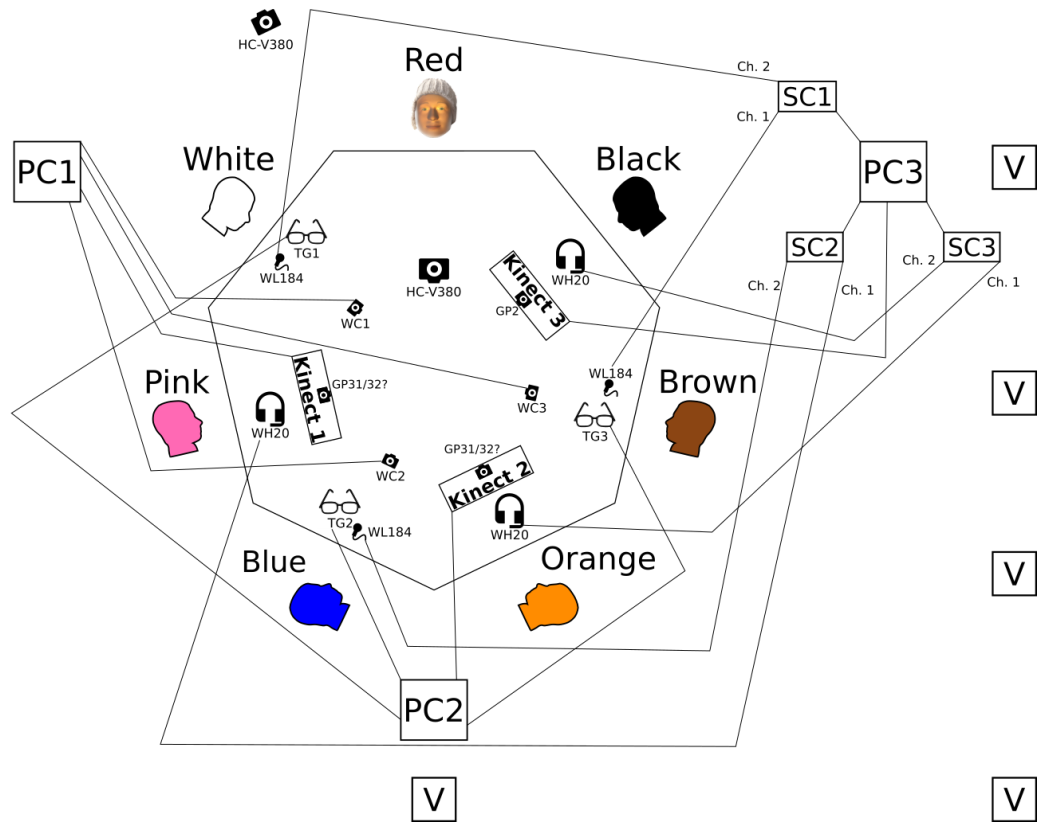
Red ("Furhat")

- HC-V380 camcorder