

# USI Thymio workshop timing

The sessions are 1 hour 15 minutes long. There are max. 20 attendees (18 typical) per session and max. 10 computers/robots (2 attendees per computer/robot).

## Planning

	Start time [h:min]
Welcome and introduction	0:00
VPL presentation	0:15
Attendees go to computer, play with VPL	0:20
Challenges	0:30
Video questionnaire	1:00
End of workshop	1:15

## Detail of tasks

- 15 min: Introduction, in 3 groups of 6 attendees/3 robots each.
  - 5 min: attendees enter the room.
  - 5 min: assistants present the robot.
  - 5 min: attendees play with basic behaviours.
- 5 min: Assistants present VPL blocks.
- 10 min: Attendees go to computer, they start to play with VPL.
- 30 min: Challenges
  - The robot shall become red when the left button is pressed, and green when the right button is pressed.
  - The robot shall change colour when touched and also when the forward button is pressed.
  - The robot shall detect ground colour and change its top colour accordingly.
  - The robot shall go forward when a button is pressed and stop at hand.
  - The robot shall be red for one second when a button is pressed, and then unlit again.
  - The robot shall follow the hand.
  - The robot shall follow a track.
  - Labyrinth challenge: the robot shall avoid walls.
- 15 min: Video questionnaire:
  - English: <http://tinyurl.com/uzi2014-vplqu-en>
  - Italian: <http://tinyurl.com/uzi2014-vplqu-it>