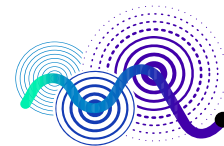




ISTITUTO ITALIANO  
DI TECNOLOGIA  
UNIT FOR VISUALLY IMPAIRED PEOPLE

# Summer School – IIT

Marie Skłodowska-Curie Actions (MSCA)  
Innovative Training Networks (ITN)  
H2020-MSCA-ITN-2019  
Grant 860114  
MULTITOUCH  
Multimodal haptic with touch devices



**multitouch**

**Date:**

20th - 21st October 2022

**Address:**

Via Enrico Melen, 83, 16152 Genova GE, Italia

See: <https://www.iit.it/en-US/cht-erzelli>

- The room booked for the event is Sala Pitagora – Fibonacci, CHT Erzelli, Floor 10.

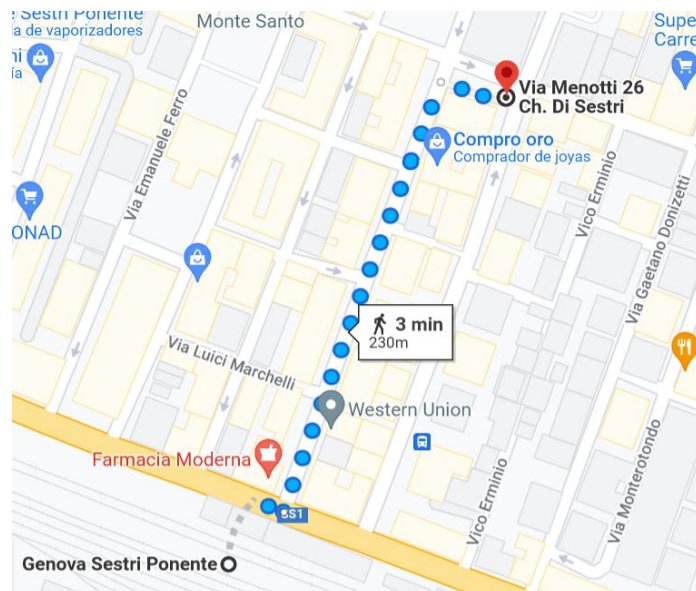
Google maps :

<https://www.google.com/maps/place/Genoa+Erzelli+GREAT+Campus/@44.4258619,8.8607345,17z/data=!3m1!4b1!4m5!3m4!1s0x12d340c93edbb215:0xe690a8ffa53e70d3!8m2!3d44.4258581!4d8.8629232?hl=es>

*Connections :*

From the city center there are two options :

1. Train from Principe Fs/ Brignole Fs to Cornigliano. From there to IIT please take the bus number 6 from the entrance of the station. Here its schedule : <https://www.amt.genova.it/amt/trasporto-multimodale/partenze/?linea=6>
2. Train from Principe Fs/ Brignole Fs to Sestri Ponente. From there to IIT you can take
  - a. Bus number 5 from entrance of the station (turn right at the door). Schedule : <https://www.amt.genova.it/amt/trasporto-multimodale/partenze/?linea=5&aggiorna=Aggiorna&datagiorno=23%2F09%2F2022>  
This bus will arrive to the station aprox. 4 minutes later than the time of departure.
  - b. Bus number 128, shedule <https://www.amt.genova.it/amt/trasporto-multimodale/partenze/?linea=128&aggiorna=Aggiorna&datagiorno=23%2F09%2F2022>  
For taking this bus please go to Via Menotti (see the map below). The bus will be there aprox. 7 minutes from departure time.



## **Program:**

20<sup>th</sup>:

- 9:00h arrival in IIT
- 9:00h - 11:00h Board Meeting
- 11:00h - 11:20h coffee Break
- 11:25h – 17:00h Symposium
  - 11:25 - 11:30 Opening Symposium - Monica Gori (IIT)
  - 11:30 -12:00 Olivier Collignon talk - Sensing space without sight
  - 12:00 - 12:30 Andrè Mouraux talk - EEG frequency tagging the cortical processes involved in the dynamic tactile perception of textures.
  - 12:30 - 14:30 Lunch
  - 14:30 - 14:50 Giulia Esposito talk - Psychophysics investigation of spatiotemporal localization of audio-tactile stimuli.
  - 14:50 - 15:10 Iqra Shahzad talk - Frame of reference supporting tactile motion direction selectivity
  - 15:10 - 15:30 Maria Casado Palacios talk - The influence of pitch over active explorations
  - 15:30 - 15:50 coffee Break
  - 15:50 - 16:10 Milad Jamalzadeh - GestInOut: An eyes-free interaction technique with smartphones using gestures and haptic feedback
  - 16:10 - 16:30 Detjon Brahimaj talk - Spatiotemporal asynchronies of audio-tactile stimuli in active touch
  - 16:30 - 16:50 Mihail Terenti talk - Evaluation of eyes-free interaction techniques in 2 tasks applications
  - 17:00 transport to downtown
  - 19:30 Dinner downtown

21<sup>st</sup>:

- 8:45h arrival in IIT
- 9:00h - 11:10h Symposium
  - 9:00 – 9:30 Gualtiero Volpe talk - Automated analysis of human movement for investigating social interaction in group

- 9:30-10:00 Electronic design (IIT) Marco Crepaldi talk - Rapid prototyping of electronic systems for fast experimental session
- 10:00-10:40 mechanical design (IIT) Alberto Parmiggiani talk - How are the devices for experiments made? A 40 min. primer on rapid prototyping technologies
- 10:40-11:10 David Gueorguiev talk - Contact mechanics mediating edge perception on tactile displays
- 11:10h -13:00h Lab Tour and demos
- 13:00h – 14:00h Lunch and closure