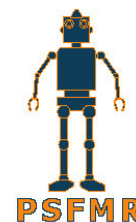


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VENUE

The Summer School will take place at the Faculty of Engineering of the Università Politecnica delle Marche in via Brunforte, Fermo, Italy.

Schoolroom, laboratory and poster area

More in detail, lecturers' speeches will be held in the **schoolroom A2** at the second floor, and practice in **laboratory B1** at the first floor, where there are many computers usable providing the personal username and password that are in an envelope inside the kit you received at the registration.

The **poster area** is located along the corridor to schoolroom A2.

Internet point

You can use computers in laboratory B1 to access the web (**internet point**), or, if you have a laptop, you can exploit the **wireless connection** also available inside the Faculty, always using your personal username and password. However, you must first install the certificate <http://www.ingfm.univpm.it/wifi/certificato.cer> and configuring the wireless connection according to the instructions reported in the file <http://www.ingfm.univpm.it/wifi/howto-win.pdf> (we suggest to contact Ing. Christian Fusciello if you need assistance).

Board

Breakfast will be served in the residence.

Lunches will be supplied at the first floor in the **lecture room**, which has been equipped as a self service restaurant, from 13:00 to 14:00.

Dinners will be served at the restaurant "Il Frantoio" starting at about 20:30; exact time will be announced at the end of evening lessons. See how to reach it in the following maps.

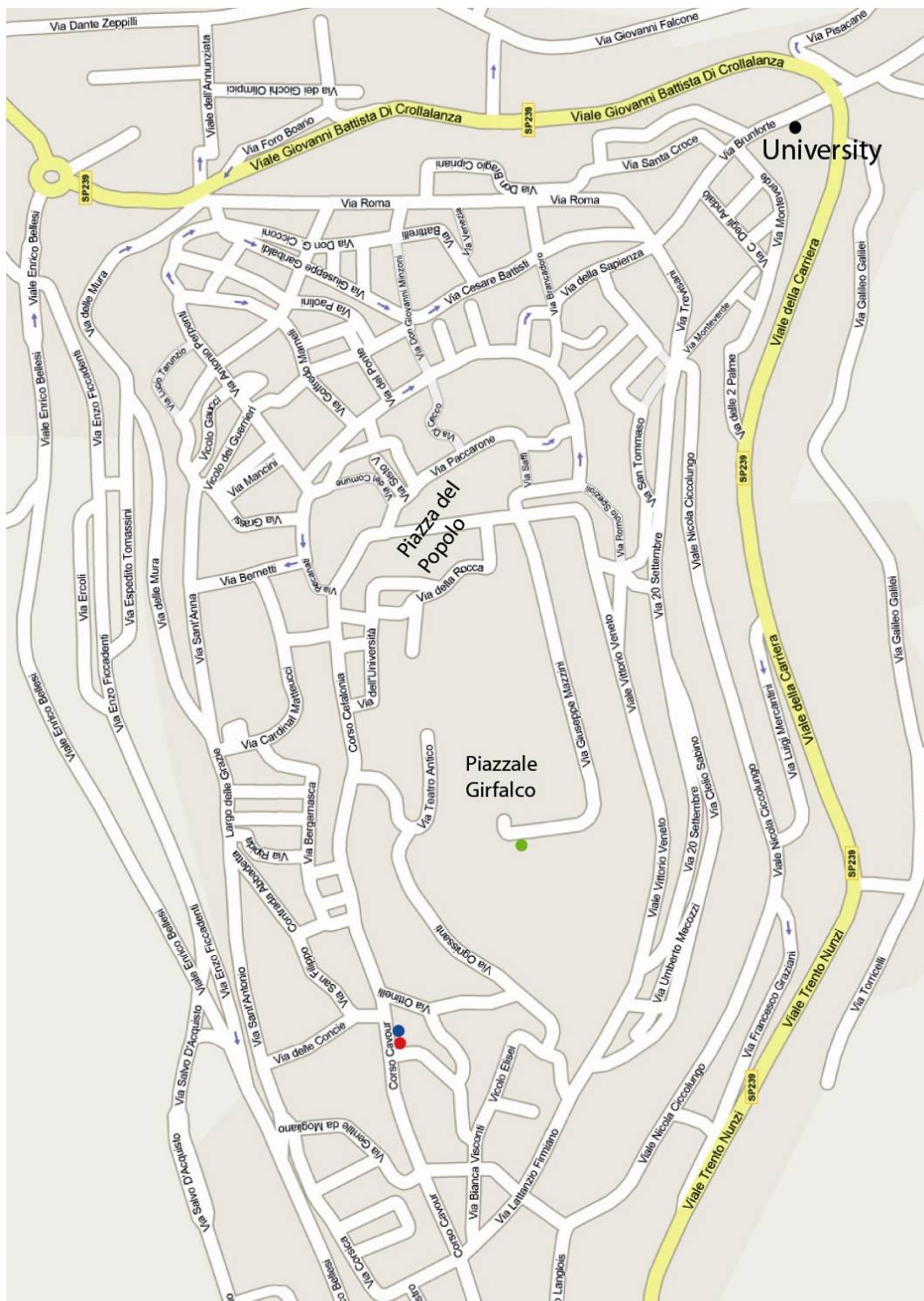
Finally, the **welcome party** will be at Palazzo Romani-Adami.

Lodging

All students and lecturers will be hosted in two very charming buildings located in the city centre at a walking distance from the University: Palazzo Romani-Adami and Villa Vinci. See how to reach them in the following maps.

Signposts indicating how to reach the school activities (schoolroom, laboratory, internet point, etc.) will begin from the main entrance of the Engineering Faculty.

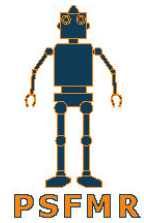
MAP OF FERMO



- University
- Palazzo Romani-Adami
- Frantoio
- Villa Vinci

Here below are suggested everyday paths:

- [illegible]



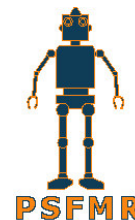
SCIENTIFIC PROGRAM

Monday, September 11

- 14h00 – 14h30
Opening
- 14h30-16h00
Visual sensors (Siegwart)
- 16h00-16h30
Coffee break
- 16h30-18h00
Introduction to feature extraction (Siegwart)
- 19h30
Welcome party

Tuesday, September 12

- 9h-10h30
Perception and action (Bessiere)
- 10h30-11h00
Coffee break
- 11h-12h30
Inference techniques and Bayesian programming (Bessiere)
- 12h30-14h30
Lunch
- 14h30-16h
CV: image formation and analysis (Crowley)
- 16h00-16h30
Coffee break
- 16h30-18h
Rotation and colour invariant features (Crowley)
- 18h15-19h15
Poster session
- 20h30
Dinner



Wednesday, September 13

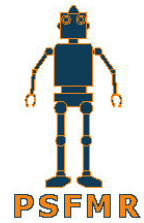
- 9h-10h30
Perception and learning (Bessiere)
- 10h30-11h00
Coffee break
- 11h-12h30
Introduction to omnidirectional vision (Menegatti)
- 12h30-14h30
Lunch
- 14h30-18h
Tutorials and exercises in laboratory
Omnidirectional vision (Menegatti)
- 18h00-20h00
Guided tour to the city of Fermo
- 20h30
Dinner

Thursday, September 14

- 9h-10h30
2D vision: grouping methods, object detection and tracking (Vincze)
- 10h30-11h00
Coffee break
- 11h-12h30
3D vision: finding basic structural elements (Vincze)
- 12h30-14h30
Lunch
- 14h30-23h
Social event (see SOCIAL EVENT session)

Friday, September 15

- 9h-10h30
Cognitive vision (Vincze)
- 10h30-11h00
Coffee break
- 11h-12h30
Perception data mining in distributed sensor networks (Cantoni)



12h30-14h30

Lunch

14h30-15:45h

Open discussion with lecturers

15h45-16h15

Coffee break

16h15-18h15

Exercises and tutorials in laboratory

Invariant feature extraction (Frontoni/Zingaretti)

18h15-19h15

Poster session

20h30-21h30

Dinner

Saturday, September 16

9h-10h30

Vision-Based robot localization (Burgard)

10h30-11h00

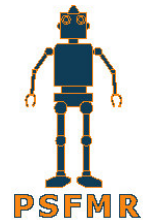
Coffee break

11h-12h30

Vision-Based robot navigation (Burgard)

12h30-13h30

Evaluation and wrap out



SOCIAL EVENT

The social event will consist in a trip to Lido di Fermo, a seaside resort near Fermo, on Thursday 14 September.

Departure will be in the afternoon at 14:30 from Piazza del Popolo by bus.

During the afternoon you could enjoy this place on the beach (right sportswear is necessary).

Then, at 19:30 a social dinner is scheduled at Hotel Royal, a good restaurant very close to the beach.

Hotel Royal ★★★★★

Piazza Piccolomini, 2, FERMO (Casabianca AP) 63023

