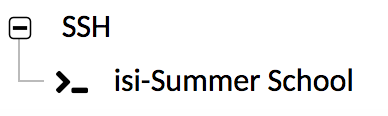
Here, you can find the instructions to send requests (by means of APIs) to the Raspberry Pis that are installed in Cesena Campus, so as to get the information about people counted in the classrooms and in the labs:

1. Connect to isi-summer.csr.unibo.it by means of SSH:
   1. Open the browser at <https://csi-rlab.campusfc.unibo.it/>
   2. Login with your unibo credential
   3. You should now see the SSH access as in the screenshot



* 1. Then access to the SSH with your unibo credentials

1. Connect to <http://isi-studio8bis.csr.unibo.it/> by means of SSH
2. An API allows you to send requests to each single Raspberry board. The script is “request\_prediction.sh”:

*curl -i -H "Accept: application/json" -H "Content-Type: application/json" 10.0.0.150/api/v1.0/getRange/1601510400/1603524427 -X GET*

*request\_prediction.sh IP\_raspberry min\_range max\_range (es. sh request\_prediction.sh 150 1602834007 1602844007).*

The first parameter is the Raspberry IP (the last three numbers), the second and the third parameters are the temporal intervals (in timestamp) that we would like to take into account (Italian time zone!). You can find a picture with the IPs associated with each device, hosted in a specific classroom. The API returns a JSON like this one:

*{"camera":"camera1","students":"0","timestamp":"1602865501"}*

Where “students” is the number of students counted by our model, “timestamp” is the moment where such a number has been counted, “camera” is the number of the camera installed in that classroom, that can be useful for those classrooms where 2 cameras are installed.

For the rooms with two cameras (camera1 and camera2), such as our classroom 3.7: where the timestamp is identical it is necessary to aggregate the number of predicted persons.