

GENERAL DESCRIPTION

This document is a general description of sections and offices of ctXIII building.

HUMAN CENTERED LABORATORY

The Human-Centered Laboratory (HCS) is a hub of innovation and collaboration. It spans 6.54 meters in length and 6.68 meters in width. The south and north walls extend from point (-1.27, -3.17) to (5.27, -3.17) and from (-1.27, 3.51) to (5.27, 3.51), respectively.

The laboratory features a wide 1.2 meter door on the west wall, precisely at point (-1.6, -2.37), which connects directly to the Main Corridor, facilitating a steady flow of researchers and academics. Inside, there are desks, computers, areas for mobile device charging, boards, and other materials for developing computational robotic systems.

The HCS is directed by Dr. Anselmo Frizera Neto, who leads research assistants such as Elio Triana, Matheus Penido, Igor Bautista, and Dr. Fabiana Machado.

MAIN CORRIDOR

The Main Corridor is the backbone of the workspace, stretching 42.3 meters from north to south, with a width of 2.87 meters. The coordinates for the south and north walls extend from (-4.47, -21.5) to (-1.6, -21.5) and from (-4.09, 20.8) to (-1.74, 20.8), respectively. This corridor primarily serves as a passage between the building's offices.

Several doors along the corridor lead to various key areas. On the east wall, a 1.0-meter door at point (-1.6, -2.37) provides access to the Human-Centered Laboratory. Farther along, a 2-meter door at (-1.6, 11) leads to the North Offices.

There are fire extinguishers and alarm points throughout the corridor.

CAFETERIA AREA

Located in the southwest section, the Cafeteria Area offers a relaxing and social space. With dimensions of 6.9 meters in length by 7.0 meters in width, this area is welcoming and spacious. The south and north walls extend from (-11.7, -21.2) to (-4.8, -21.2) and from (-11.4, -14.2) to (-4.59, -14.2), respectively.

The door connecting to the Main Corridor is located on the east wall at point (-4.27, -14.09) and has a width of 1.2 meters.

This room is primarily used as a meeting spot, a rest area, and a gathering place where both students and researchers can unwind, share a meal, or enjoy social activities like board games and group interactions. Including a coffee maker and other things to do different drinks.

HALLWAY TO BATHROOMS

The Hallway to Bathrooms is a discreet yet essential pathway located in the southern section of the workspace. Measuring 2.95 meters in length and 2.2 meters in width, this hallway is designed to be functional and accessible. The south and north walls extend from (-1.57, -19.1) to (1.36, -19.1) and from (-1.44, -16.9) to (1.38, -16.9), respectively, guiding users intuitively.

Although it lacks a west wall, this open design allows for a smooth connection with the Main Corridor. The entry, marked but doorless, is located at (-1.6, -18.0).

Besides providing access to both male and female bathrooms, it also includes facilities for individuals with disabilities and a water dispenser for human consumption.

SOUTHWEST LOBBY

The Southwest Lobby is a spacious, bright area located in the southwestern corner of the building. Measuring 7.5 meters in length and 5.0 meters in width, this lobby serves as a meeting point and relaxation area. The south and north walls extend from (-11.8, -14.01) to (-4.3, -14.01) and from (-11.8, -9.01) to (-4.37, -9.01), framing an open space to the east, which encourages integration with adjacent areas.

The absence of an east wall allows a seamless transition to other zones. The main entrance is situated on the west wall at point (-4.27, -11.51) and is 1.2 meters wide.

This lobby acts as the anteroom to the main entrance, where emergency kits and alarms are also located in case of an emergency.

SOUTHEAST LOBBY

Situated in the southeastern corner, the Southeast Lobby complements its western counterpart. Measuring 4.72 meters in length and 5.0 meters in width, this space provides a calm atmosphere. The south and north walls extend from (-1.89, -14.01) to (2.83, -14.01) and from (-1.89, -9.01) to (2.83, -9.01), while the east wall spans from (2.83, -14.01) to (2.83, -9.01), delineating an area open to the west.

The connection to the Main Corridor is made through a doorless entry at (-1.6, -11.51), allowing easy access. This room includes a storage closet for cleaning supplies and access to the stairway to the second floor, as well as an elevator.