BACKGROUND

In the coming years, there will likely be an increase in demand for Public Transport Systems (PTS), requiring a rise in system efficiency. Users are less inclined to use PTS due to a lack of a sophisticated and integrated Passenger Information System (PIS).

To improve the level of service provided to travelers, various technologies can be used to deliver accurate information in real-time.

CHALLENGE

The aim of the challenge is the application of different technologies to gather real time information in order to improve the quality of PTS. To accelerate the transition, it is necessary to use different Intelligent Transport System (ITS).

Key objectives:

- Improve the Public Transportation System (PTS) through the collection of real-time data;
- Plausible solution includes monitoring technologies, customizable data, and authentication tools to recommend personalized routes and experiences;
- Final solution will consist also in the design of the most appropriate mean of communication to the client (phone app, QR...).

APPLICATION

- Challenges are worth 8 curricular or extra-curricular credits according to your degree programme.
- Look for "Challenge@PoliTO" in your institutional email and read the regulation carefully.
- SIGN UP NOW! Places are limited!
- For further information, contact clik@polito.it