

# ABSTRACT

The “Escola d’Estiu” of the Polytechnic University of Valencia is an organism that is responsible for organizing and managing leisure and free time throughout the year. Among these activities we find the activities carried out in July and involving about 2.000 children.

This high participation of children, such as concrete activity requires having a system for automatic location of children, and the management fast, effective and efficient processes that take place in the Summer School. That is why from the Summer School of the Polytechnic University of Valencia, together with the TSB department of the ITACA Institute and its spin-off TSB-Solutions have developed a solution for tracking and management of participants and all information orbiting around it. The project was funded by the Polytechnic University of Valencia.

Based on an extensive analysis of LBS applications and services that we are in the market today and slowly, concentrating the solution proposed in the very particular case mix presenting our scenario, we have been leading the way to develop an application that meets our needs. We can also say that we have broken into a new business sector with many possibilities in the not too distant future, and with many different application fields.

Thanks to this research, we open a new window to the world of engineering mapping, where the presence of our graduates working in multidisciplinary teams should be required and valued accordingly.