

Trainee's Project Report

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| Job Code | PH122 |
| Department | PH |
| Discipline | Electronics Engineering |
| Supervisor | BELTRAMELLO Olga |

Description

The candidate will be integrated in the ATLAS Safety team and he will be an active part of it.

The candidate will participate in the development of new hardware related to the ATLAS Wireless Supervision System (AWSS), including but not limited to, audio and video software and hardware acquisition, data treatment and compression, IP data transfers and High bandwidth WiFi networks.

The candidate will be in charge of, and will put in place, all the organization required to insure the smooth day to day operation of the frontend electronics of the AWSS, i.e. audio and video equipped helmets, Personal Transmitter Units (PTU), WiFi Access Points, etc. When required, he will participate to the AWSS reception tests.

After a period of detailed and very extensive training the candidate will become a part of the Shift Leader in Matters of Safety (SLIMOS) team, an important part of the safety team activities during the run period.

As working in an international and multidisciplinary environment, the candidate must be flexible and be available to perform many different engineering tasks wherever and whenever required.

Special Requirements

Degree in Electronics Engineering

Training Value

The trainee will gain electronics engineering experience in large infrastructures, interacting with extended international collaborations.

