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SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
New Worlds - Non-Traditional Space Education and Outreach (7)

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SPACE CAMP PROJECT IN BORDEAUX

Abstract

The project was initiated at Ecole Nationale Supérieure de Cognitique from Bordeaux Institut National Polytechnique, a French engineering school (Master Of Science level) specialized in cognitive science and human engineering. Several space camps already exist in different parts of the world, for instance the Eurospace Center in Belgium, the US Space and Rocket Center and the Kennedy Space Center in the USA. As in these well-known space camps, the main goal of this project is to propose astronaut training activities through entertainment. It will be situated in the Bordeaux Area, France. The expected partners are the Rectorat de la Gironde (in charge of education in Bordeaux area), Cap Science (scientific exhibitions), Universities and other companies and organisms of the Aerospace Valley Pole (aerospace actors located between Toulouse and Bordeaux). The targeted public will be 12-15 years old children but not only. The theme of the Space Camp will be living on Mars. Numerous activities will be considered: conducting scientific experiments, simulating the driving of a pressurized vehicle, passing tests and attending conferences. As the ENSC team (6 students) is specializing in cognitive science and human factors, a specific attention was paid to psychological, sociological and cognitive factors: A team building activity should be implemented at the beginning of the space camp. Then, following a typical astronaut selection process, numerous tests will be passed to assess logic, scientific knowledge, cognitive abilities and personality. Most activities will concern teams of 10 to 20 persons. As for ISS training sessions in simulators, technical skills as well as behavioral skills will be assessed and feedback will be provided afterwards.