

STEM projects to promote scientific citizenship

i.lab Matematica

The new interactive laboratory at the Milan Science and Technology Museum was founded with the aim to introduce younger generations to mathematics with a scientific approach.

i.lab is the only public museum with a virtual wind tunnel, where visitors can experiment with fluid dynamics and the mathematical models applied to flight using simulation software. 4,000 students have already booked sessions, but it is estimated that there will be 16,000 visitors during the year.

STEM at the DSEi congress in London

Leonardo Graduates attended the People and Skills Day of the DSEi, one of the biggest fairs for the defence sector worldwide, to offer students an interactive experience, including technological briefing, informal games and meetings and a panorama of the different careers that Leonardo has to offer in the scientific, engineering and technological fields.

Robotic Games

Leonardo is the leading sponsor of the Rampaging Chariot Guild, a non-profit organisation that provides kits to construct radio-controlled robots to teams that take part in Robotic Games.

More than 100 teams from schools, colleges and air training cadets participated in the 2017 games in Southampton, Basildon, Luton and Edinburgh.

The Big Bang Fair

This is the most important STEM fair in the United Kingdom for young people aged between 7 and 19 years, organised by Engineering UK, in collaboration with the Royal Academy of Engineering, in which over 200 organisations took part in 2017. Leonardo participated with a thermal camera used by the BBC to film numerous nature documentaries.

National Women in Engineering Day

The Women's Engineering Society (WES) is a non-profit organisation that supports the professional development of young women who wish to pursue a career in engineering. One of WES's most significant campaigns is the National Women in Engineering Day for which Leonardo is one of the main supporters of the events targeting girls in secondary schools. In the last two years, UNESCO has sponsored National Women in Engineering Day.

National and Scottish Apprenticeship Week

A week is dedicated to apprenticeship experiences to highlight the important role that they place on training young people and attracting new talents. Employers, apprentices, organisations supporting companies, teachers, colleges and schools across the United Kingdom

hosted the event, organising activities and showing the advantages and results of an apprenticeship experience.

Science festival in Genoa

This is one of the main international events dedicated to scientific knowledge, with meetings and events for researchers, enthusiasts, schools and families. During the 2017 event, the demonstrator "Cooperation system based on haptic perception", developed by the Land & Naval Defence Electronics Division, was presented. It translates information into stimuli which are felt by the user through touch.

Flying Start Challenge

A competition managed by Leonardo together with other companies operating in the aerospace sector in the United Kingdom. It is designed to encourage and help students develop scientific and engineering skills and increase awareness of the careers available in engineering. The aim is for students to design and build a model glider for a flying competition against other schools held in the south west of the country.

Under 35 innovators

Leonardo is one of the sponsors of the competition promoted by MIT Technology Review, in collaboration with Bologna Business School, which awards the best innovative ideas and applied research projects carried out by young Italians under the age of 35. In 2017 the prize was for robotics field

European Researchers' Night

Again in 2017 Leonardo took part in the events organised for the European Researchers' Night, promoted by the European Commission since 2005, held in Rome, Frascati, Milan, Turin and L'Aquila.

Festival dello Spazio (Space Festival)

Leonardo is a technological partner of the Festival dello Spazio, which presents discoveries, successes, experiments and marvels of space exploration, through "edutainment" activities.