

Science Center to Go

— visualising the invisible

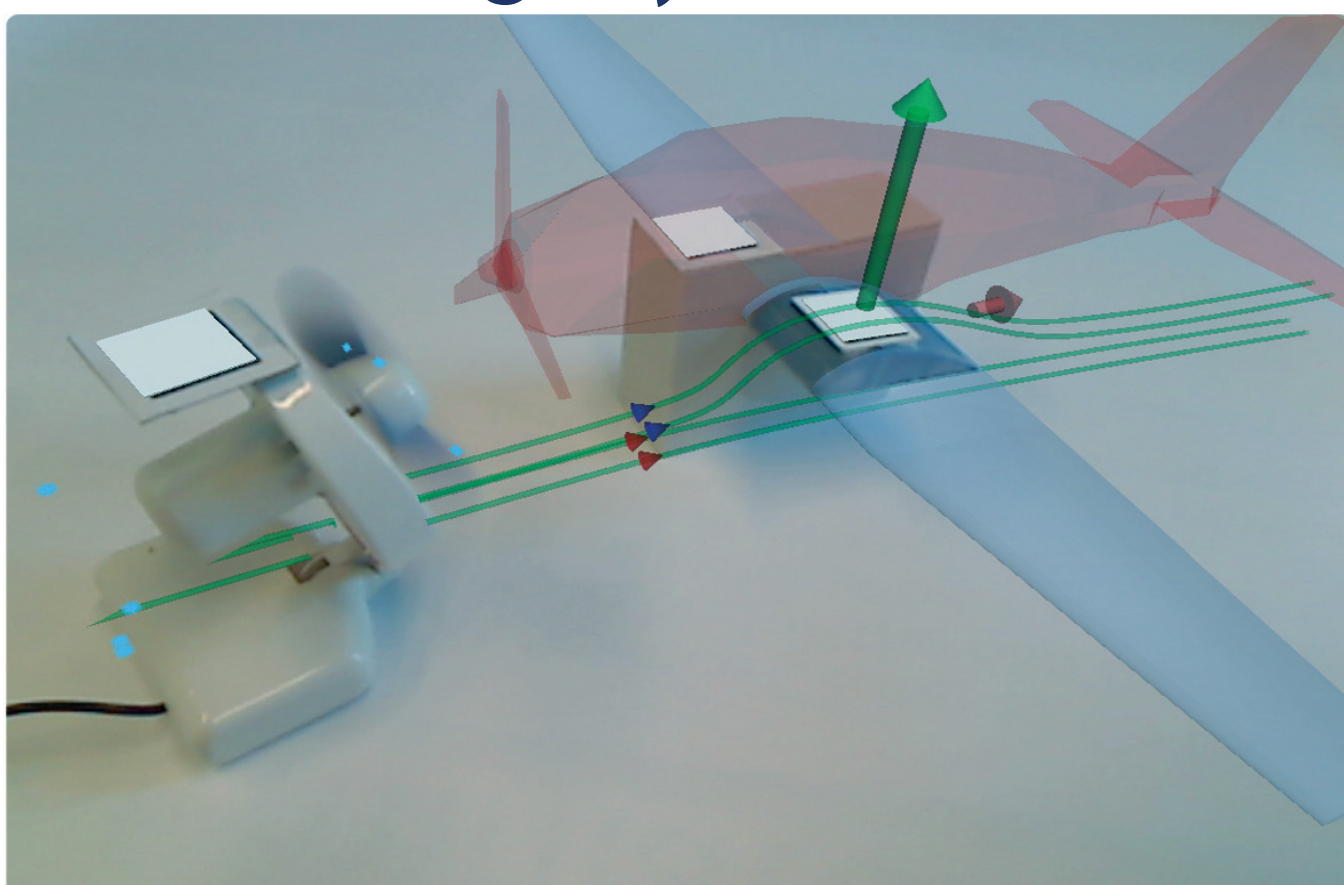
www.sctg.eu

The Science Center to Go project aims to bridge the gap between formal and informal education, to promote science learning at all levels, and to assist in ensuring that science not only holds a high place in teaching curricula but also promotes creative problem solving and learning-by-doing.

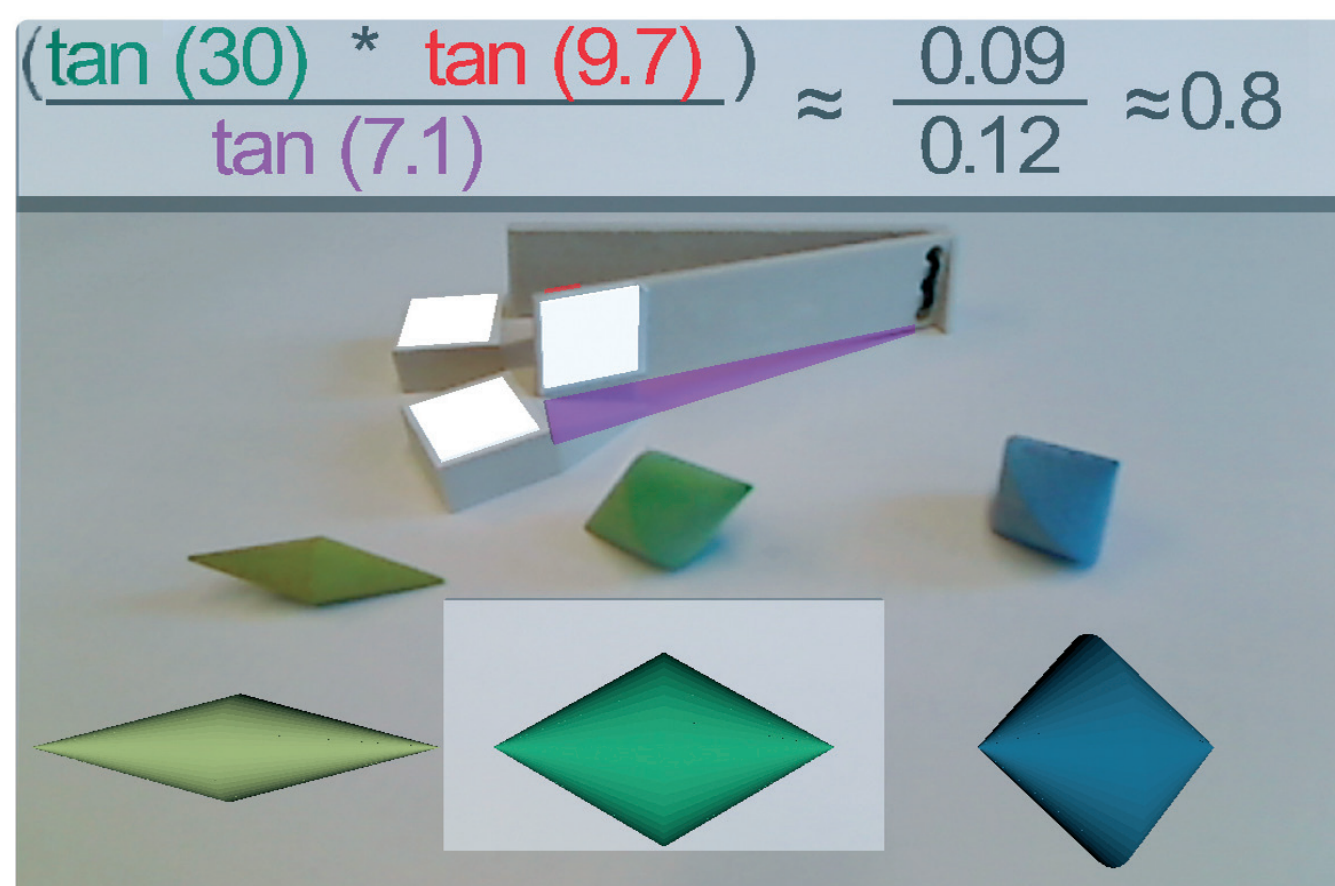
In the Science Center to Go (SceTGo) project science centers are brought to schools. We have constructed miniatures from the exhibits of science centers. These miniatures, which have been packed in a suitcase, are easy to take to the schools.

At present, by the miniatures it is possible to learn wing dynamics, light's behavior in double-slit experiment, double cone phenomenon, doppler effect and movement of molecules.

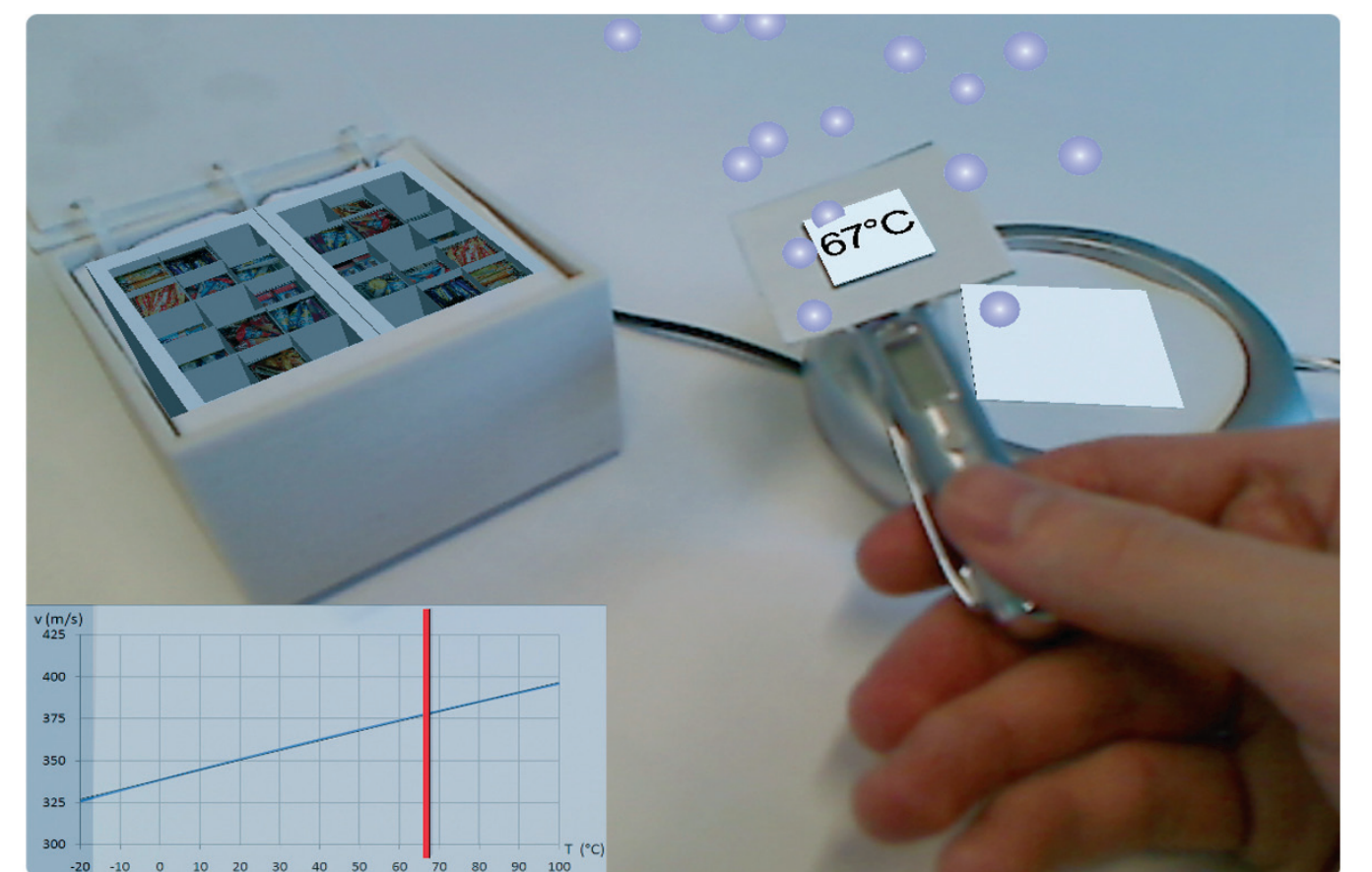
Wing dynamics



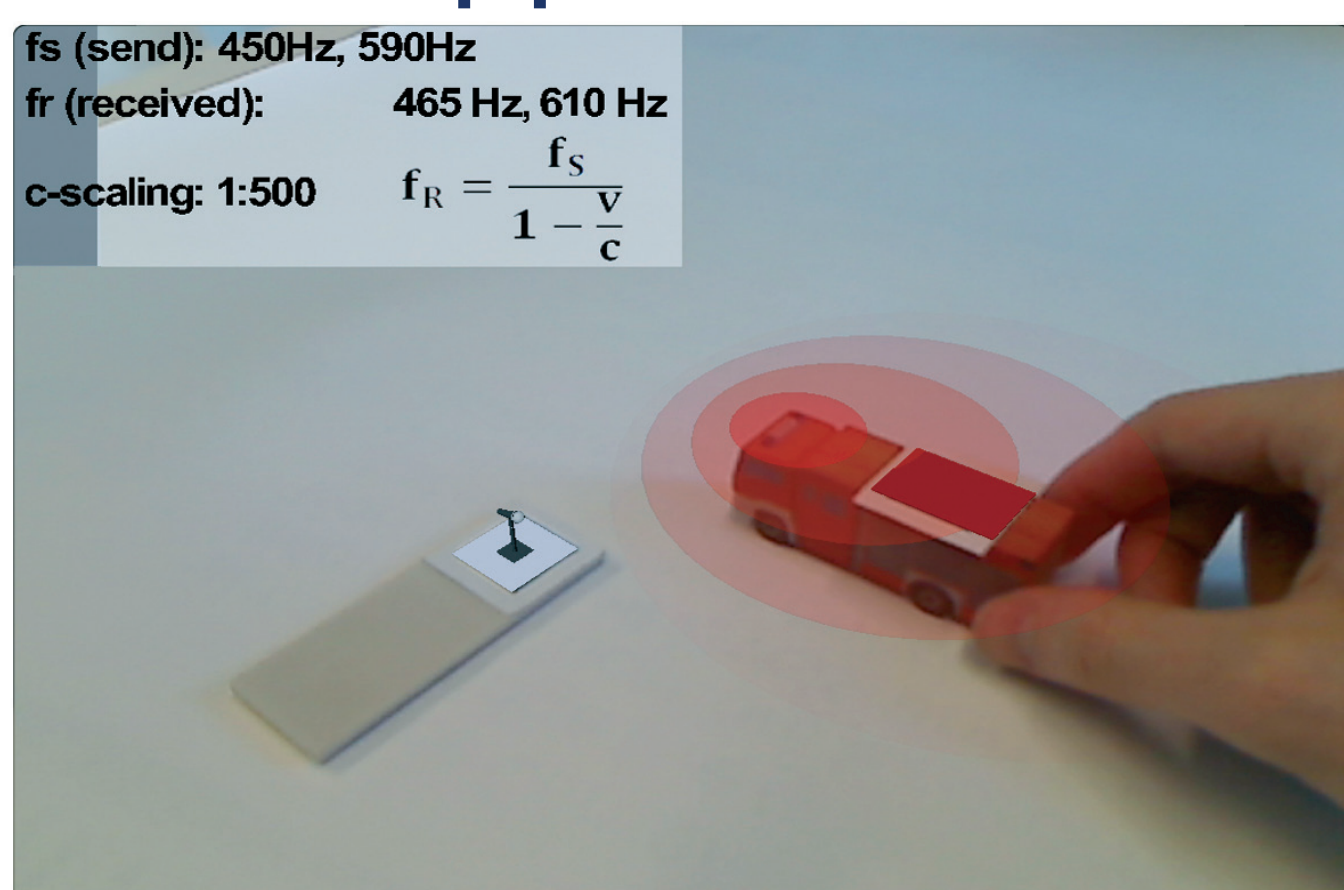
Classic mechanics



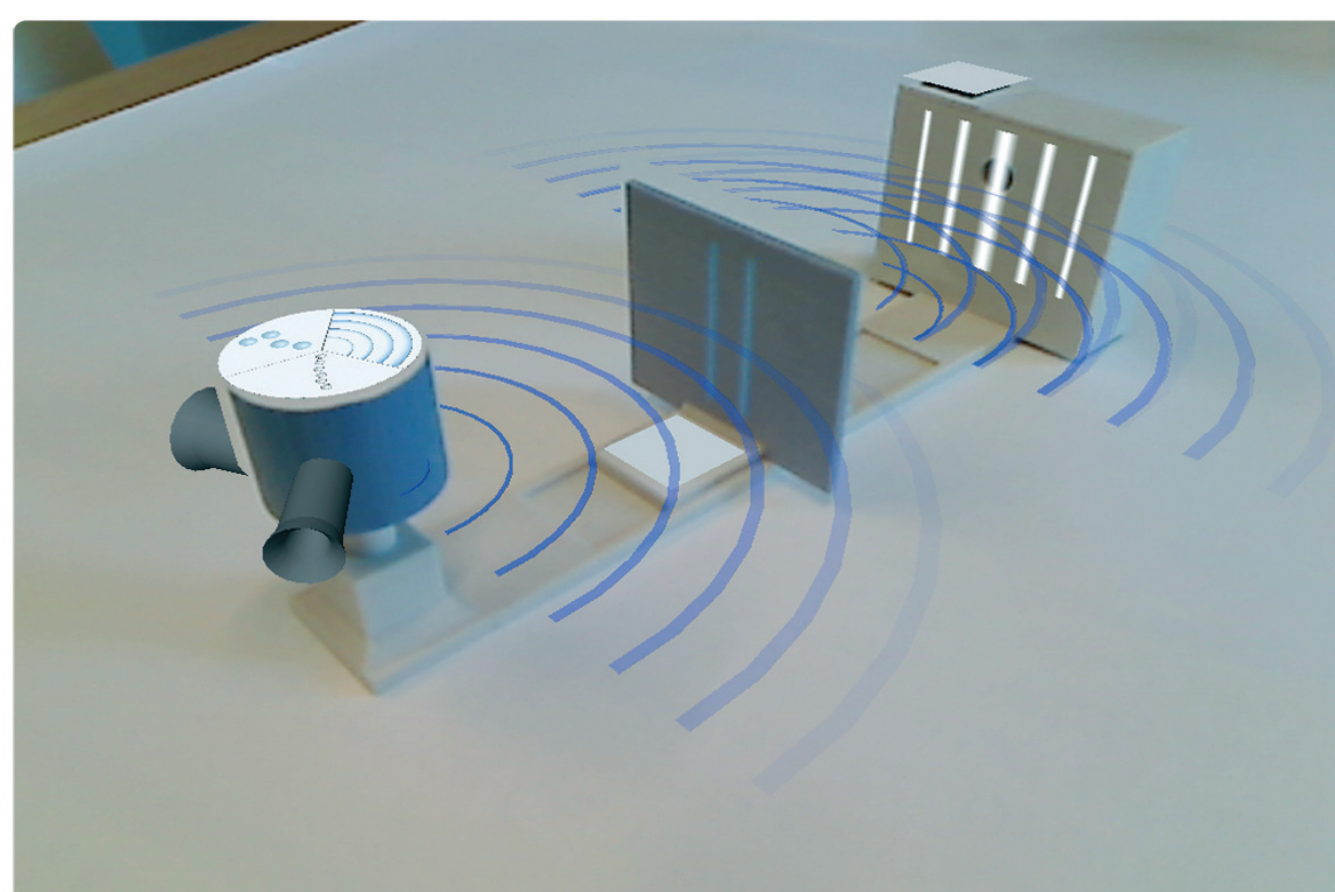
Molecule movement



Doppler effect



Quantum mechanics



- How does an airplane fly?
- Why does an double-cone roll up?
- What is heat?
- Why does the sound of the fire truck changes?
- What is the difference between the behaviour of waves and classical particles in the double-slit experiment?

