T6_96 HIGH-TECH KIT - THE SET OF ADVANCED ACTIVITIES FROM THE MOSEM PROJECT

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One of the most tangible outcomes of the MOSEM (Minds-On experimental equipment kits in Superconductivity and ElectroMagnetism for the continuing vocational training of upper secondary school physics teachers – LLP-LdV-TOI-2007-NO/165.009) project is the set of advanced experiments – High-Tech Kit. The Kit contains the experiments, prototyped and tested among the project partners' schools and teacher training institutions. The activities are combined with e-modules comprising videos, animations, and modeling as well as with new support material for teachers and teacher seminars. The presentation shows in detail some of the High-Tech materials as appropriate use of real and virtual multimedia in physics teaching and learning. The authors discuss the process of setting up the experiments and illustrate activities with the results of measurements obtained within.