Experimental Physics

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Projects
The general aim of this research field at Unisa is to improve the learning experience of distance education students, mainly at tertiary level. We are particularly interested in developing innovative ways of teaching physics in a distance education environment. One exciting area of investigation which receives major attention is the role of practical work in physics at undergraduate level. Members of the group are involved with the design and development of distance learning materials, which for example include home experiment kits and computer assisted learning programs.

Collaborators
Collaboration has been established with colleagues at the Open University of the Netherlands and the College of Science at the University of the Witwatersrand. Members are also in contact with experts in the field of Science Education at the Universities of Maryland, Massachusetts and Washington in the USA and locally at the Universities of Potchefstroom and the Western Cape.

Physics Education Publications


