

## Letters of Interest Submission



Contribution ID: 68

Type: **not specified**

# International Centre for Experimental Physics in Africa (ICEPA)

We propose to create an educational centre for the training of young African students, postdocs and junior faculty members in instrumentation for fundamental and applied experimental physics. The educational programme foreseen would be equivalent to a Master curriculum at a university. Many African universities do not have the necessary number of experimental facilities and instruments at their disposal for training in experimental techniques and tools.

The concept of the proposed centre (named provisionally ICEPA in the following) has been inspired by the successful AIMS centres for mathematical sciences and ICTP for theoretical physics. But for ICEPA the focus is on experimental physics, strongly oriented towards instrumentation. The attachment to or at least a very close link to a university or to an existing research centre will be necessary to train and recruit qualified staff for the supervision of the experiments and to be able to issue an international recognised diploma.

### Primary Category

Instrumentation & Detector

### Secondary Category

Physics Education

### Subgroup categories

### Did you / will you submit this LOI to another category?

NO

### Additional Information

Instrumentation of all physics domains

Education in physics

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