



# Online Experimentation

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$\pi$ CETL and COLMSCT



## $\pi$ CETL – the Physics Innovations CETL

A collaborative CETL involving: The Open University,  
the University of Leicester and the University of  
Reading

COLMSCT – the Centre for Open  
Learning in Maths, Science, Computing  
and Technology



# Outline

Introduction

Interactive Screen Experiments (ISE)

Enabling Remote Activity (ERA)

Distributed Group Experiments (DGE)

Activity and discussion



# Motivations

There can be no real doubt about the importance of practical work in undergraduate science education.

How can online learning be used to support, augment and extend students' experience in the lab or in the field?

Can online methods be used to teach some of the essential skills that underpin practical work, thereby increasing the efficiency with which lab/field time is used?



# Contact

To find out more about piCETL and COLMSCT, go to the Open CETL website:

<http://www.open.ac.uk/opencetl/>