

New Directions is a topical journal published by the UK Physical Sciences Centre in association with π CETL, The Physics Innovations Centre for Excellence in Teaching and Learning.

The journal is issued in paper and electronic formats once per year. It is intended for teachers, researchers, policy makers and other practitioners in physical sciences education.

An editorial board reviews all submissions.

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Editorial

New Directions focuses on new developments by practitioners in the field of learning and teaching.

This issue contains articles that cover a range of topics but interestingly the reader will find many connections between them. Our two Reviews, one on work-based learning and one on diagnostic tests, echo themes in our Communications, where there are articles on using diagnostic testing with undergraduate astronomers and developing a web-based resource for work-based learners. Ever popular themes such as assessment, feedback, outreach and problem-based learning can be found, along with several articles that illustrate the use of technology to support pedagogy, including work on recording lectures, by video or screencasting; electronic assessment; electronic voting systems and modelling.

By no means least we have a special article by Derek Raine, from the University of Leicester's Centre for Interdisciplinary Science, who inspired the formation of this publication.

We continue to welcome contributions on new themes or new twists on old ones that will help to inform and inspire members of the physical sciences community (details on page 87).

Editor

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