

Editor Profile, April 2004

Dr Martin Harrison

Editor of the *International Journal of Mathematical Education in Science & Technology*

Whether teaching mathematics to school pupils or undergraduate engineers it is undoubtedly a difficult task. Based at Loughborough University, Dr Martin Harrison, a senior lecturer in mathematics, is involved with the development of projects to promote learning in this area.

Dr Martin Harrison is Editor of the [International Journal of Mathematical Education in Science & Technology](#) and has been involved with journal publishing with [Taylor & Francis](#) for more than seven years. He became Editor of the journal in January 1997.



Dr Harrison is a Senior Lecturer at Loughborough University and a member of the [Mathematics Education Centre](#). The Mathematics Education Centre (MEC) was established in May 2002 to provide the environment and expertise to ensure that all Loughborough students have the opportunity to develop their mathematical skills to the best of their ability. It is the focus for a number of significant national initiatives concerned with the teaching of mathematics to engineers and mathematics support throughout higher education. Its aim is to become an internationally recognised centre of excellence in the learning, teaching and support of mathematics and statistics in higher education.

Dr Harrison is dissemination manager for the [HELM](#) (Helping Engineers Learn Mathematics) Project. HELM is a major three-year curriculum development project to support the mathematical education of engineering students funded by the [Higher Education Funding Council for England](#) (HEFCE) through phase four of the Fund for the Development for Teaching and Learning (FDTL4). Other important external projects in the [Mathematics Education Centre](#) include:

- [Bestmaths](#)
A project developed on behalf of the Royal Academy of Engineering for students who have chosen to spend a year working in industry prior to university entry.
- [DDIG](#) (Dyscalculia and Dyslexia Interest Group)
A project aimed to help dyscalculic and dyslexic students in Higher Education.
- [mathcentre](#)
A project aimed to provide students with self-study resources targeted to the needs of their individual course and staff with generic mathematics support and study materials for use with their students.

Currently Dr Harrison is engaged in a research project associated with the repercussions in Higher Education of the changes in the teaching and learning of mechanics in schools. Other [Mathematics Education Centre](#) research projects are

concerned with:

- Effective learning environments and systems for the study of mathematics in undergraduate engineering education.
- Development of a front-line tool for early identification of higher education students who may be dyscalculic.
- Current issues associated with the computer-aided assessment of engineering undergraduates.

In addition Dr Harrison is Chief Mathematics Examiner for the Engineering Council, a Chartered Mathematician and member of the [Institute of Mathematics & Its Applications](#).

For more information on Martin Harrison, please visit his [homepage](#).