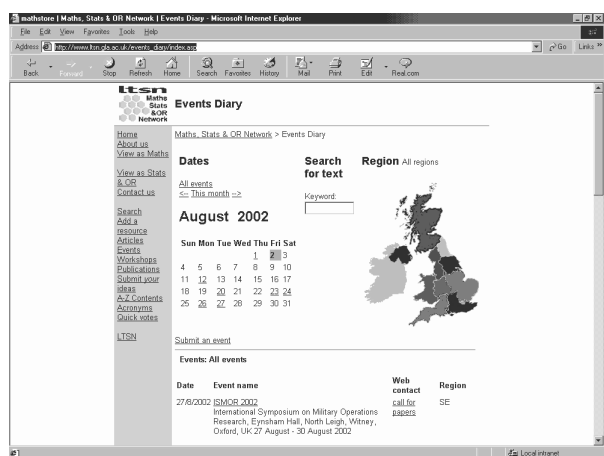


# TechWatch Courseware News

More info from TechWatch online at <http://itsn.mathstore.ac.uk/techwatch>

**NEW Events Diary from LTSN Maths, Stats & OR Network...** details of events of interest to the Maths, Stats and Operational Research community are available via our home page or direct at: [http://mathstore.gla.ac.uk/events\\_diary](http://mathstore.gla.ac.uk/events_diary)

If you know of any events which you think might be of interest to the wider maths, stats & OR community please click on [Submit](#) or email [info@mathstore.ac.uk](mailto:info@mathstore.ac.uk)



**Netscape 7.0 Preview Release 1** contains support for MathML and can be freely downloaded.

**MathML Central**, a Wolfram Web resource listing MathML tools has recently been launched.

**CalculationCenter 2** has been released by Wolfram - see review on p33. Broad new statistics capabilities allow you to develop models that describe random behaviour. MathML 2.0 support will facilitate sharing of your *CalculationCenter* work over the web. Graphic types has been extended with a new inequality plot that can visualize complicated linear and nonlinear, and continuous and discrete, inequality relationships. A new multiple-data-set plot type makes it easier than ever to compare data. Error-correction technology has been enhanced. As well as interaction with other engineering and design software and data-handling software, *CalculationCenter* now supports the 3D file formats DXF and STL and the data format CSV.

**Mathematica 4.2** released by Wolfram offers new functionality and enhanced connectivity to Java, XML, and the web. It offers new and updated features for linear programming, statistics, optimisation, combinatorics, and graph theory.

**MathPlayer beta 4** is now available from Design Science. The biggest change is the addition of a right-click menu. This menu contains: a Copy command that copies an equation's MathML to the clipboard for pasting into any application that understands MathML (eg Mathematica, Maple) or into a web editor. Drag-and-drop also works.

**Scientific Workplace v4** is out and available from Scientific Word Ltd

**Maple 8** announced by Adept Scientific. Maple 8 features an updated version of the original Maplets, first released in December 2001 exclusively to experienced Maple users registered with Waterloo Maple's Extended Maintenance Plan (EMP), which delivers new add-on components via the MaplePrimes.com website. It is now available to all users of Maple 8. Also included is a special package for introductory calculus. This suite of intelligent routines is designed to help teachers and students of calculus. The package has two powerful main features: a tutor that guides students through differentiation, integration and limit problems; and a series of one-step commands that create visual aids for calculus lessons. These tools provide a visual insight into calculus concepts while saving students and teachers hours of error-prone computing and manual preparation.

**Micro Saint v4** from Adept Scientific has an extensive list of improved features, including a new print preview, a better search and replace engine, expanded COM Services calls and external model call capability in COM services.

**New MINITAB 13 macro update** has been added to the Minitab website and is available to download FREE. The ANOM macro update corrects the performance of the Analysis of Means graph of Interaction Effects, and replaces a macro shipped with the English-language version of MINITAB 13.1, 13.2, 13.3, 13.31 and 13.32 for Windows.

**GenStat v6 for Windows** will soon be available from VSN International Ltd. This edition brings a host of enhancements to the statistical facilities and GUI that help make your data analysis a pleasure, not a pain. New statistical techniques include: State-of-the-art Hierarchical; Generalized Linear Models (HGLMs); Classification and regression trees; Boolean set calculations.

**LiveMath 3.5** is available from Chartwell Yorke - see review on p 40.