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Abstracts of Short Communications and Posters

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20. Special Activities of the ICM 1998

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Buswell, Stephen, Stilo Technology Ltd
An Introduction to MathML
Mathematical Markup Language (MathML) has recently been published as a Recommendation by the World Wide Consortium (W3C). The goal of MathML is to enable mathematics to be served, received and processed on the Web. This paper discusses the issues involved with display and processing of mathematics on the Web and outlines the XML-based solution developed. This solution supports the encoding of both presentation and semantic content of mathematical expressions. The relationship between MathML and existing standards and formats such as TEX is discussed. An overview of MathML-compliant tools (existing and under development) for the creation and processing will be given.