

1056-N5-1662 **Kyle T Siegrist*** (siegrist@math.uah.edu), Department of Mathematical Sciences, University of Alabama in Huntsville, Huntsville, AL 35801. *Customizing and Extending Content MathML*. Preliminary report.

This talk will describe briefly how Content MathML can be customized and extended. Moreover, I will argue that suitably modified versions of Content MathML, together with the XSL stylesheets for translation into standard Presentation MathML, can be viewed as an authoring platform. As an example I will describe the customized Content MathML and corresponding stylesheet for the project *Virtual Laboratories in Probability and Statistics*. (Received September 22, 2009)