

1014-B1-249      **Doug Ensley\*** (deensl@ship.edu), Department of Mathematics, Shippensburg University,  
Shippensburg, PA 17257. *Flash as a Tool for Creating Discrete Math Applets.*

Macromedia Flash provides a simple authoring system for online educational material with the further advantage of building applets that run flawlessly on various browsers and operating systems via Macromedia's ubiquitous free Flash player program without assuming any advanced technical knowledge of the end user. The presenter, along with Barbara Kaskosz of URI, are currently establishing an online forum at the Digital Classroom Resources of MathDL to share material, tutorials and discussions about this promising technology. This talk will focus on several innovative applets constructed for a Discrete Mathematics course (at <http://www.ship.edu/~deensl/DiscreteMath/>) with an emphasis on some of the authoring issues that Flash presents. We hope that these talks will generate interest in the creation of a community of Flash developers within the math and science disciplines. (Received September 05, 2005)