

1009-33-210 **Daniel W. Lozier*** (lozier@nist.gov), Daniel W. Lozier, NIST, 100 Bureau Drive, Stop 8910, Gaithersburg, MD 20899-8910. *The DLMF Project: Lessons Learned and Future Directions.*

The Digital Library of Mathematical Functions is currently in the final stages of preparation for public release in 2006. It will consist of a 1000-page printed handbook and a freeWeb site. The mathematical content and style of presentation is patterned after the widely used handbook of Abramowitz and Stegun. The Web site is not just a copy of the handbook; it is a laboratory for research into dynamic delivery of serious mathematics to advanced users. The goal is to provide unrestricted electronic access to an important body of mathematical knowledge, together with effective tools for utilizing the knowledge. This talk will discuss lessons learned during the DLMF project and consider future directions. (Received August 16, 2005)