

## *Workshop on Digital Archive Preservation and Sustainability (DAPS'08)*

Long-term preservation requires the ability to make assertions about governance, sustainability, and trustworthiness. These concerns involve evolution of the community policies under which records are preserved, institutional commitment towards maintaining the preservation environment, and continued verification of the authenticity and integrity of records.

As archives grow to the scale of hundreds of petabytes, these assertions become incompatible. This workshop will explore existing and emerging digital preservation requirements and evolution of architectures. It will also examine the inherent tensions in minimizing cost while ensuring sustainability, increasing governance controls while collection sizes grow, and improving integrity and authenticity assertions as the number of records increases. Integrity and authentication in the age of social networking and widespread use of blogs and Wikipedias will make preserving and sustaining the historical record a challenging task.

Presentations will review the efforts of the Library of Congress and the National Science Foundation to address these issues and support the development of new tools. Preservation environments, collaborative models, and results of practical experiences will be discussed. Storage and related technologies will be explored and tools for creating trusted repositories will be reviewed. The status of industry efforts to develop standards for long-term preservation will be presented.

Several panel sessions will be moderated to encourage active participation of the audience.

This Workshop is conducted under the auspices of the IEEE Mass Storage Systems and Technology Committee and is being held in conjunction with its Annual Conference.

On behalf of the Exec Committee of MSSTC, I wish to welcome you and express our appreciation for your lively participation in this Workshop – the second in perhaps a series of workshops focused on the critical issues of preservation and sustainability in the ‘borne digital’ age.

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