Contribution ID: **41**   Type: **Presentation**

An OAI Repository-Centric Peer-Review Model

Saturday 22 October 2005 10:20 (20 minutes)

Pre-print repositories have seen a significant increase in use over the past fifteen years across multiple research domains. Researchers are beginning to develop applications capable of using these repositories to assist the scientific community above and beyond the pure dissemination of information. The contributions set forth by this paper emphasize a deconstructed publication model where in which the peer-review certification phase of a pre-print is mediated by an OAI-compliant peer-review service. This peer-review service uses a social-network algorithm for determining potential reviewers for a submitted manuscript and for weighting the influence of each participating reviewer's evaluations. The paper also provides a set of peer-review specific metadata tags that can accompany a pre-prints existing metadata record. The combinations of these contributions provide a unique repository-centric peer-review model within the framework of the current OAI standards existing today.

Author: Mr RODRIGUEZ, Marko (Los Alamos National Laboratory)

Presenter: Mr RODRIGUEZ, Marko (Los Alamos National Laboratory)

Session Classification: Supporting the Research Process

Track Classification: Supporting the Research Process