

# **TULIP**

## **The University Licensing Program**

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### **Introduction**

TULIP is a cooperative research project testing system for networked delivery and use of journals, performed by Elsevier Science and nine Universities in the USA. The participants set three objectives at the outset:

### **Technical**

To determine the technical feasibility of networked distribution to and across institutions with varying levels of sophistication in their technical infrastructure. "Networked distribution" means sending the information both across the national Internet and over campus networks to the desktops of students and faculty. Elsevier will deliver the journal information to participating universities in standard formats. The

universities will incorporate the information in local prototype or operational systems. A wide variety of delivery alternatives, search and retrieval systems and print-on-demand options will be compared.

## **Organizational and economic**

To understand, through the implementation of prototypes, alternative costing, pricing, subscription and market models that may be "viable" in electronic distribution scenarios; comparing such models with existing print-then- distribute models; and understanding the role of campus organizational units under such scenarios. The overall goal is to reduce the unit cost of information delivery and retrieval. "Viable" means economically and functionally acceptable to all parties.

## **User behaviour**

To study reader usage patterns under different distribution (technical, organizational and economic) situations. Improvement in the functionality of the information, whether as to article structure or retrieval tools, will also be considered. Certain data will be collected uniformly at all sites for analysis in the aggregate and for comparison among different systems.

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## **The TULIP Final report**

The [final report](#) for the TULIP project is currently available in draft version only.

### **A note on printing this report**

For easy printing of the entire report by your Webbrowser, it is divided in three files

1. The [top level document](#) including the [Table of Contents](#) and the [Executive Summary](#)

2. The HTML document with all chapters I through VI This document is approximately 220 Kilobytes. The included artwork totals to approximately 380 Kilobytes.
3. The HTML document with appendices I through XI This document is approximately 35 Kilobytes. Note that this document is missing parts.

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## **TULIP Newsletters**

The following TULIP Newsletters are available for browsing

- TULIP Newsletter no. 6 - May 1995
- TULIP Newsletter no. 5 - September 1994
- TULIP Newsletter no. 4 - April 1994
- TULIP Newsletter no. 3 - January 1994
- TULIP Newsletter no. 2 - Augustus 1993
- TULIP Newsletter no. 1 - November 1992

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## **Journals in TULIP in the field of Material Science**

The participating universities have in common strength in the physical and engineering sciences. In looking within these disciplines for a target area, we wanted a field in which the researchers were comfortable with computer applications and had a higher than average installed base of workstations. An obvious choice might have been computer science itself, but we felt these users would be so atypical in their computer facility as to make it hard to generalize results to other disciplines. Materials science provided a field in which there was both a sufficiently large corpus of frequently-cited material within one

publishing company and interested faculties. Therefore 83 journal titles were chosen from the collection of Elsevier Science journal titles.

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## **Universities participating in TULIP**

- **University of California** (all campuses)
  - Berkeley
  - Davis
  - Irvine
  - Los Angeles
  - Riverside
  - Santa Barbara
  - Santa Cruz
  - San Diego
  - San Francisco
- Carnegie Mellon University (Pittsburgh, PA)
- Cornell University (Ithaca, NY)
- Georgia Institute of Technology (Atlanta, GA)
- University of Michigan (Ann Arbor, MI)
  - A demo version of the prototype of Michigan's library system based on World Wide Web
- Massachusetts Institute of Technology (Cambridge, MA)
- University of Tennessee (Knoxville, TN)
- Virginia Polytechnic Institute and State University (Blacksburg, VA)
- University of Washington (Seattle, WA)

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## **TULIP through Anonymous FTP**

TULIP has a number of files available for download through Anonymous FTP. Connect to <ftp.elsevier.nl>, enter "anonymous" as username and enter your email address as password. Change into the [/TULIP](#) directory and read the [Readme.txt](#) file.

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## **For general information on the TULIP Program**

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*Last modified on March 21, 1996 by [Paul Mostert](#)*