

The ALADDIN Center for ALgorithm ADaptation Dissemination and Integration
OVERVIEW

Lenore Blum, co-director of ALADDIN
Carnegie Mellon University

ALADDIN is a new (Sept. 2001) Center for the study of algorithms and their applications, funded by the NSF ITR program. It is a collaboration between several departments at Carnegie Mellon, industrial partners, and with Princeton University.

The high level goal of the ALADDIN Center is to improve the process of incorporating powerful algorithms into application domains. Towards this goal, the Center will:

- Support a sequence of **PROBES** (PROBLEM Oriented Explorations). Each PROBE* will explore how algorithms can be more effectively applied in a specific domain. Each PROBE will last for one (or possibly) two years.
- Support various educational activities including workshops for college teachers and developing new courses on algorithms.
- Develop a web resource on algorithms.

*The Xerox PARC workshop is held in conjunction with the HIP (Human Interactive Proofs) and TRENDE (Trusty Reliable Encryption -- with No Devices Even) PROBE. A follow-up open HIP and TRENDE workshop will be held in May at Carnegie Mellon.

For more information about ALADDIN see: <http://www.cs.cmu.edu/~aladdin>