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Information and Data Management Program's PI Workshop

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Principal Investigator: Agouris, Peggy .

Organization: University of Maine

Title:

Information and Data Management Program's PI Workshop

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Project Participants

Senior Personnel

      Name: Agouris, Peggy

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Chrysanthis, Panos

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Labrinidis, Alex

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Stefanidis, Anthony

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Kollios, George

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Makedon, Fillia

      Worked for more than 160 Hours: Yes

      Contribution to Project:

      Name: Salzberg, Betty

      Worked for more than 160 Hours: Yes

      Contribution to Project:

Post-doc

Graduate Student

Undergraduate Student

Technician, Programmer

Other Participant

Research Experience for Undergraduates

Organizational Partners

Boston University

Northeastern University

Dartmouth College

Other Collaborators or Contacts

Activities and Findings

Research and Education Activities:
This project funded the organization of the 2004 Information and Data Management Principle Investigator Workshop.It also included a subcontract to the University of Pittsburgh (PIs: Panos Chrysanthis and Alex Labrinidis) for the creation and maintainance of a repository of proceedings and findings of all IDM workshops.

The objective of this workshop was to bring together investigators funded by the Information and Data Management Program of the National Science Foundation to discuss and exchange ideas on the focus topics of the field, as well as to identify and elaborate on emerging themes and particular emphases for future activities.

Findings:
The developed repository is available over the Web and offers multiple query and browsing capabilities. It archives past, current, and future IDM workshops, allowing users to see different views of the material, such as reports, award information, participants, and findings, at a centralized location. It also solves the problem of broken links, due to the movement of people, machines, and web sites. The current version of the site can be found at http://db.cs.pitt.edu/idm/

In general, this workshop (the seventh IDM workshop) featured a program including invited presentations, demonstrations of current work, presentations and discussions of current work, and group brainstorming sessions focused on emerging research areas.

More specifically, the PIs, along with selected industry and government invitees, cooperatively focused on:

(1) analyzing research and development issues fundamental in making progress towards new challenges imposed by such diverse data sources as the Internet, embedded and distributed sensors, and satellites;

(2) specifying areas where major breakthroughs appear possible and needed; and

(3) identifying collaborations (e.g., inter-disciplinary, academic-industry) and research initiatives and facilities needed to meet current and future challenges.

In addition, workshop participants shared their current research activities and accomplishments, provided demonstrations, and in general, interacted with each other and explored potential fruitful collaborations and innovative synergisms.

Training and Development:

This workshop has offered great experiences to the people involved in its organization, as they were able to:
- meet their peers and hear about all the activities that were funded by the NSF in their field,
- participate in shaping the future directions and focus areas of the IDM program, and
- interact with NSF officers and gain valuable insight on the philosophy and objectives of the National Science Foundation.

Outreach Activities:

As previously mentioned, one of the main outcomes of this award was the creation of an online repository of all IDM workshop proceedings, which can be found at
http://db.cs.pitt.edu/idm/
and which includes project reports, findings, etc. This repository is available on the Web and easily accessible by anyone interested in Information and Data Management research.

Journal Publications

Books or Other One-time Publications

Peggy Agouris, George Kollios, Fillia Makedon, Betty Saltzberg, Anthony Stefanidis, "NSF Information and Data Management Workshop Proceedings", (2004). Hardcopy and CD collection of NSF IDM project reports and findings, Published
Editor(s): Peggy Agouris, George Kollios, Fillia Makedon, Betty Saltzberg, Anthony Stefanidis
Bibliography: Printed by Dartmouth College and distributed during the workshop to all participants

Web/Internet Site

URL(s):
http://db.cs.pitt.edu/idm/
Description:
The creation of this Web-based repository is a direct result of this award.

Other Specific Products

Contributions

Contributions within Discipline:
Presentations and discussions held during this workshop helped all IDM-supported researchers become informed of cutting edge activities in their field as well as form new ideas about novel future directions.

Contributions to Other Disciplines:

Contributions to Human Resource Development:

Contributions to Resources for Research and Education:
The most important active resource that resulted from this project was the previously mentioned site:
http://db.cs.pitt.edu/idm/
Contributions Beyond Science and Engineering:

Categories for which nothing is reported:

Any Journal

Any Product

Contributions: To Any Other Disciplines

Contributions: To Any Human Resource Development

Contributions: To Any Beyond Science and Engineering