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# Information and Data Management Program's PI Workshop

Peggy Agouris

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**Final Report for Period:** 09/2005 - 08/2006

**Submitted on:** 12/29/2006

**Principal Investigator:** Agouris, Peggy .

**Award ID:** 0438087

**Organization:** University of Maine

**Title:**

Information and Data Management Program's PI Workshop

### 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 maintenance 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