MaDgIK

Management of Data, Information, & Knowledge

Yannis Ioannidis *Group* **University of Athens, Hellas**

Team: Faculty

- Mike Hatzopoulos
- Alex Delis
- Dimitris Gunopulos
- Yannis Ioannidis
- Manolis Koubarakis

Team: Students

- 12 PhD Candidates
- 15 MSc Students
- 2 Undergraduates

- Several 10s of active undergraduate and MSc theses supervised within the team

Team: Staff

- 20 researchers, full-time programmers, consultants (3 w/ PhD, all others w/ MSc)
- 3 Administrative stuff

- About 50 people in total

madgik.di.uoa.gr
(always struggling to be up to date)

Team: External Affiliates

- Mema Roussopoulou (Distributed Systems)
- Maria Roussou (Virtual Reality, HCI)
- …

Areas of Interest

- Research Problems
  - Distributed Query Processing and Optimization
  - Financial Techniques for Data Processing
  - Information Search
  - Indexing
  - Personalization, Socialization, & Contextualization
  - Social Networking
  - Information Extraction / Wisdom of the Crowds

Areas of Interest

- Research Problems
  - Data Analytics and Log Analysis
  - Knowledge Discovery and Data Mining
  - Knowledge Representation
  - Ontology Management
  - Constrained Based Reasoning
  - Natural Language Synthesis from Structured Data
  - Workflow Management

Areas of Interest

- Architectures / System Environments
  - Clouds
  - Grids
  - Peer 2 Peer
  - Sensor Networks
  - Streams
  - The Web (Semantic or otherwise)

Areas of Interest

- Applications / Content
  - Medicine
  - Biochemistry
  - Cultural Heritage
  - Digital Libraries
  - Digital Repositories and Open Access
  - Earth Sciences
  - Biodiversity, Fisheries
  - Environmental Science

Collaborators

- Research Orgs.
  - INRIA
  - Max Planck Society Institutes
  - CNR
  - DCC
  - Universities (Manchester, Edinburg, Glasgow, ETH, EPFL, Paris-Orsay, Goettingen, Cyprus, Roma, Genova, …)
  - Microsoft Research
  - …

Collaborato

rs

- Content Providers, Technology
  - Pediatric Hospitals
  - News Agencies (AFP, DW, …)
  - European National Libraries (NE, DE, UK, FR, …)
  - Museums (Acropolis, Louvre, …)
  - ESA
  - CERN
  - EBI
  - FAO / UNESCO
  - Siemens

Projects

- DL.org
- SemSorGrid4Env
- BELIEF
- PAPYRUS
- D4Science
- DRIVER
- TELplus
- Health-e-Child
- PERNASVIP
- ….

Funding + Publications (Past 10 Years)

- Approximately 20-25 distinct projects
- Approximately 15M euros
  - Less than 1M from Greek sources
  - Some from industry (Microsoft, …)
  - Rest from EC (FP7, eContent+, …)

- Approximately 150 publications

Distinctions and Service

- ACM SIGMOD Chair (and past Vice-Chair)
- ACM/IEEE Fellow
- Various awards
- Several Conference Program Committee and General Chair positions
- Several Journal Editorial positions

Summary

Others say

We are #1