Profile of GUnet

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Greek Academic Network – GUnet

NATIONAL & KAPODISTRIAN UNIVERSITY OF ATHENS

- GUnet began as project in 1997
  - a joint effort undertaken by all Greek academic institutions towards
    - the creation of a nation-wide, high speed network
    - a platform for advanced telematic applications

- GUnet was founded as a non-profit civil company in September 2000
  - Its members are all the 36 Higher Education Institutions

GUnet – a human network

- A network of excellence at the national level
  - GUnet relies on and uses the experience and the know-how of Network Operations Centers
- A knowledge dissemination mechanism focusing on
  - supporting faculty members in using e-teaching and multimedia content production services
- Website: http://www.gunet.gr

Relations to Univ. of Athens

- Gunet is located at and supported by the University of Athens (UoA)
- University of Athens is the oldest and second largest university in Greece
  - 2500 Academic Teachers
  - more than 60000 students

Current GUnet's Services

- deploying and supporting centrally
  - the Voice over IP network
  - national wide virtual learning environment

- providing and consulting in designing broadband multimedia based services
  - eLearning & Multimedia Support Center
  - Webcasting
  - Web based videoconferencing

- http://voip.gunet.gr

- http://www.openeclass.org

- http://mc.gunet.gr

Current scenarios and services

Scenarios/models

Services

- **Synchronous e-teaching model**
  - E-teaching classrooms
    - Students from other HEI may attend from the remote e-teaching classroom
  - Lecture broadcasting
    - Students may attend live the lecture from their home

- Video-conferencing
  - H.323 /SIP

- Live video streaming

- **Asynchronous e-learning model**
  - Students may access the organized course material from their home

- Web-based course management
- Multimedia production
- Video on Demand

- **Collaboration**
  - Desktop
  - Video conferencing rooms

- Web based collaboration environment
- Web based videoconferencing
- H.323/H.320 systems

Web-based course management
Open eClass platform

Open eClass platform

- Openeclass:
  - an open source Course Management System
  - links to video clips
- Goal:
  - the incorporation and constructive use of the Internet and web technologies in the teaching and learning process
- Website:
  - http://openeclass.org

- *Success story !*
  - 54 installations in the HEI
  - courses online > 9.500
  - registered users > 210.000
  - teachers > 4.100 (33% of teachers)
- openEclass at UoA
  - Courses > 2200
  - Teachers >1000 (40%)
  - Students >78.000

Contributed in creating "digital culture" in the Greek Academic community

Multimedia production

eLearning and Multimedia Support Center

eLearning and Multimedia Support Center

- Video production
  - Studio for recording lectures
  - Digitization and processing
    - video
    - teaching material
  - publishing video presentations
- DVD production
- Other services
  - Webcasting
  - H.323/H320 & Web based video conferencing

Webcasting of lectures:

Live streaming Recording Publishing

Live streaming at UoA

- Dpt. of Informatics and Telecommunication
  - 3 classrooms, 5 year 40 % lectures are broadcasted
  - Recently 2 more classrooms were added
  - Current status
    - Migration from Real Network technologies (GRnet's helix server) to flash based
    - Recording option is currently added
    - Scheduler is added
    - http://webcast.uoa.gr
- Plans for 40 classrooms

Live streaming at UoA

- Lecture broadcasting and recording
- One way transmission of:
  - teacher's video
  - audio
  - slides
  - whiteboard
- No interaction with students

- Academic video-lectures portal
  - http://videolectures.uoa.gr
- S/W developed by UoA
- Supports:
  - Formats: realvideo (Helix DNA), wmf (in Windows), flv, MP4 formats
  - Dublin core metadata

ακαδημαϊκές βιντεοδιαλέξεις

Αναζήτηση

Τα βίντεο μου

Κατηγορίες

- Τέχνη (29)
- Οικονομία (10)
- Πληροφορική-Τηλεπικοινωνίες (0)
- Υγεία (15)
- Εκπαίδευση (12)
- Θετικές Επιστήμες (0)
- Κοινωνικές-Ανθρωπιστικές Επιστήμες (0)
- Νομικές και Πολιτικές Επιστήμες (0)
- Μηχανική (0)
- Μ.Μ.Ε. (0)
- Εκδηλώσεις (41)
- Άλλα (6)

Πρόσφατες Αναρτήσεις

1. Ιατρική/επιστημονική μετάφραση II
Ελληνικά (2009-05-27)
Περιγραφή: Εισαγωγή στην ιατρική/επιστημονική μετάφραση από το Dr Χάρη …
Περισσότερα…

2. Μετάφραση ιατρικών/επιστημονικών κειμένων
Ελληνικά (2009-05-27)
Περιγραφή: Εισαγωγή στην ιατρική/επιστημονική μετάφραση από το Dr Χάρη …
Περισσότερα…

3. P Maliacas III
Ελληνικά (2009-05-15)
Περιγραφή: Συνέχεια
Περισσότερα…

4. P Maliacas IV
Ελληνικά (2009-05-15)
Περιγραφή: Συνέχεια
Περισσότερα…

5. Intervention Dr P. Maliacas _ 02
Ελληνικά (2009-05-02)
Περιγραφή: Εισαγωγή στη νομική μετάφραση μέρος II - 27/04/09 από τον Π.…
Περισσότερα…

6. Intervention Dr P. Maliacas
Γαλλικά (2009-05-02)
Περιγραφή: Εισαγωγή στη νομική μετάφραση από το βραβευμένο για το γαλλο…
Περισσότερα…

Περισσότερα… ❯

Video conferencing

Room and Web based conferencing

- e-teaching classrooms
  - GUnet created in 2003 a state of the art e-teaching classroom
  - Consulted other HEIs how to create their e-teaching classroom
  - At least one e-teaching classroom at each HEI
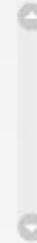- Web-based video conference by Gunet

Web-based Video Conference

Chairman/Συντονιστής

Παντελής

Participants/Συμμετέχοντες

Βανέσσα

Stevy

takis81

Nikos

UOA

siarina

pres

semiramis

(Open)

→ Send Audio/Video
Αποστολή Ήχου/Εικόνας

Users Online/Συνδεδεμένοι Χρήστες

Nikos
Stevy
UOA
pres
semiramis
siarina
takis81
Βανέσσα
Παντελής

Chat/Συζήτηση

Stevy: gfhgfh
Stevy: Hello
Stevy:
Stevy: Hello
Stevy: Bigger chat fonts
lala: Twra nomizw einai ok e?
takis81: nai
Βανέσσα: καλσσ τουσ
Βανέσσα: καλως τους
Βανέσσα: σε ακουμε
Βανέσσα: σεμιραμις δεν ακούμε και δεν βλεπουμε
Your Name: sas akouo kala
semiramis: evala onoma
semiramis: tora fainomai os onoma
Stevy: egw eimai 80%
semiramis: ego eimai sto 30%
semiramis: den exo poly cpu usage
semiramis: isos epeidh den stelno video?
Nikos: o Passas einai sto 20%
semiramis: ok kiego
pantelis: eimai exantlimenos sto 100%
semiramis: exei shmasia na allaxoume quality?
semiramis: tora einai high..
Stevy: semi dokimase to LAN
semiramis: ok
Παντελής: ρτ

Send/Αποστολή

Thank you !

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