

Department of Informatics (Ionian University) – the Humanistic Informatics expert in Greece



WHO WE ARE:

The Department of Informatics operates under the Ionian University and is located in Corfu (GR). Our mission is to cultivate and promote the Science of Computing, focusing on the theory and the applications of Informatics in the areas of **Humanistic Informatics** as well as on the design, development, operation and management of **Information Systems**. This orientation makes the Department unique in Greece. Our staff in accordance with emerging international trends and requirements covers a wide range of research fields and applications, thus interdisciplinary cooperation and interaction can be realized in order to address novel technologies and applications.

COLLABORATION INTERESTS:

The Department of Informatics of the Ionian University is interested in participating in EU projects under FP7 and also in other forms of international cooperations and projects in the research areas listed below.

Potential role: coordinator, scientific expert, testbed centre.

WHAT MAKES US A GOOD PARTNER

- **Highly qualified** and experienced **researchers**. All our researchers have PhD degrees.
- **Innovative** and creative **scientific thinking**.
- Successful **participation in national and international projects**.
- Provision of **consulting services on ICT issues** to local and national authorities.
- Interest and experience in **conducting interdisciplinary research** in the areas of Humanistic Informatics and Information Systems.

AREAS FOR R&D COLLABORATION:

The department's current research interest focuses on the following scientific fields.

- Wireless Mesh Networks
- Natural Language & Speech Processing
- Information Retrieval
- Mathematical Models for Virtual and Augmented Reality
- Pattern Recognition
- Security and Cryptography
- Mobile and Wireless Applications
- eGovernment applications
- Business Modelling

MAIN ACHIEVEMENTS:

- Consulting services on eGovernment issues for the Prefecture of the Ionian Islands.
- Design of the infrastructure and the services offered from a wireless mesh network for the municipality of Corfu.
- A feasibility study examining the viability and value of an advanced security system using biometrical methods for controlling the transportation of persons and vehicles through the Greek-Italian borders.
- Development of a stochastic statistic model illustrating the potential of self-organization for any given population.

REFERENCE PROJECTS:

Indicatively the following projects are mentioned:

Selection of EU Projects

- The **SWEB** project (FP6-IST) is designed to provide a technical infrastructure to enable efficient and secure cross-border eGovernment services in Europe. The project shall test and evaluate mobile services in seven cities and local authorities in the Western Balkan countries as well as in the city of Siena.
- The **MAVITRA** project (Interreg IIB) aims at helping workers' mobility in the Mediterranean Basin, with the creation of a virtual labour market and with the improvement of the national work intermediation services.
- The **PELAGOS** project (Interreg IIIA) aims at developing an advanced security system using biometrical methods for inspecting penetration in certain areas of the Greek-Italian borders.

Selection of Other Projects

- The **DAKOS** project (Programme of the Ionian Prefecture) aims at modelling the potential of self-organization and suppression of disease affecting olive trees in the real eunicipality of St. George in Corfu.

OTHER INFORMATION:

Name of the research department:

Department of Informatics

Name of the organisation: Ionian University

Organisation type: Educational & Research organisation

Country: GREECE

Number of researchers: 15

Working languages: Greek, English

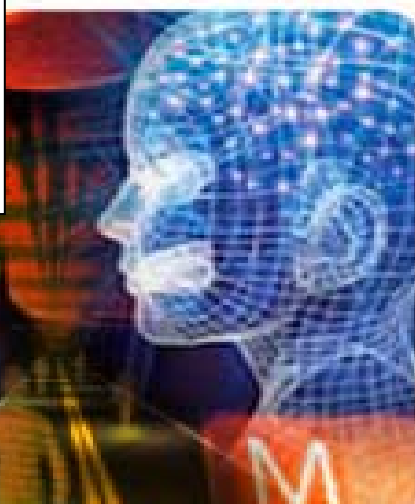
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For further information please look at www.ionio.gr/depts/cs

This profile has been developed under the HAGRID project (www.hagridproject.net)

