

## Biological Databases and pattern matching

Th. Alexiou  
Ionian University

17.00-18.30 Laboratory 2

19.00-20.30 Laboratory 1

### Sunday 13th July 2008

## Models in Financial Mathematics

V. Jacimovic  
University of Montenegro

10.30-11.15 Conference Room

## Modeling and Simulation of Social Sciences

M. Loutfi  
University of Sunderland

11.30-12.15 Video Conference

## Conclusions for the 1st MSEMS

P. Vlamos  
Ionian University

12.30-13.00 Conference Room

## Closing of the 1st MSEMS

Prof. V. Chrissikopoulos  
Vice Rector of the Ionian University,  
Head of the Department  
of Informatics

13.30-13.30 Conference Room



## Department of Informatics

**Ionian University**  
Tsirigoti Square 7  
49100 Corfu - GREECE  
Tel: +30 26610 38153  
Fax: +30 26610 48491  
e-mail: [cs@ionio.gr](mailto:cs@ionio.gr)  
[www.ionio.gr/depts/cs/](http://www.ionio.gr/depts/cs/)



**IONIAN UNIVERSITY**  
DEPARTMENT OF INFORMATICS



# MATHEMATICAL SOFTWARE TOWARDS E D U C A T I O N

## MODELING & SIMULATION

## Program



**Corfu, Greece, 8-13 July 2008**

### CONTACT PERSON:

Ass. Professor Panagiotis Vlamos  
e-mail: [vlamos@ionio.gr](mailto:vlamos@ionio.gr)

## Tuesday 8th July 2008

### Morning

Arrival of teachers and participants

### Opening of the 1st MSEM

Prof. V. Chrissikopoulos  
Vice Rector of the Ionian University,  
Head of the Department of  
Informatics

17.00-17.30 Conference Room

### Goals of the 1st MSEM

P. Vlamos  
Ionian University

17.30-18.00 Conference Room

### Dynamic Learning Environments

M. Bauch  
University of Bayreuth

18.15-19.00 Conference Room

### Different types of electronic lessons

K. Delchev  
Sofia University "St. Kliment Ohridski"

19.15-20.00 Conference Room

## Wednesday 9th July 2008

### Modeling the structure and dynamics of complex networks

Th. Arvanitis  
University of Birmingham

09.30-10.15 Conference Room

### Explorative Learning

M. Bauch  
University of Bayreuth

10.30-11.15 Conference Room

### Cutting RNA Secondary Structures

P. Vlamos  
Ionian University

11.30-12.15 Conference Room

### Modeling the structure and dynamics of complex networks

Th. Arvanitis  
University of Birmingham

17.00-18.30 Laboratory 1

19.00-20.30 Laboratory 2

## Features of Dynamic Software

M. Bauch  
University of Bayreuth

17.00-18.30 Laboratory 2

19.00-20.30 Laboratory 1

## Thursday 10th July 2008

### Deterministic Models

V. Jacimovic  
University of Montenegro

09.30-10.15 Conference Room

### Stochastic Models

V. Jacimovic  
University of Montenegro

10.30-11.15 Conference Room

### GEONEXT-Introduction and Basic Functionality

K. Delchev  
Sofia University "St. Kliment Ohridski"

11.30-12.15 Conference Room

### Deterministic and Stochastic Models

V. Jacimovic  
University of Montenegro

17.00-18.30 Laboratory 1

19.00-20.30 Laboratory 2

### Creating electronic lessons

K. Delchev  
Sofia University "St. Kliment Ohridski"

17.00-18.30 Laboratory 2

19.00-20.30 Laboratory 1

## Friday 11th July 2008

### Learning Material with intergrated dynamic software

M. Bauch  
University of Bayreuth

09.30-10.15 Conference Room

### Binaural Technology

Ch. Tsakostas  
Ionian University

10.30-11.15 Conference Room

## Reevaluation of RESET test: a Monte Carlo Simulation study

A. Stavrakoudis  
University of Ioannina  
Conference Room

11.30-12.15

### Binaural Technology

Ch. Tsakostas  
Ionian University

17.00-18.30

19.00-20.30

Laboratory 1

Laboratory 2

## Reevaluation of RESET test: a Monte Carlo Simulation study

A. Stavrakoudis  
University of Ioannina

17.00-18.30

19.00-20.30

Laboratory 2

Laboratory 1

## Saturday 12th July 2008

### 3D pattern recognition of enzyme structures: molecular dynamics

A. Stavrakoudis  
University of Ioannina

09.30-10.15

Conference Room

### Bioinformatics: Principles and Methods

Th. Alexiou  
Ionian University

10.30-11.15

Conference Room

### The role of ICT in High School Education

K. Delchev  
Sofia University "St. Kliment Ohridski"

11.30-12.15

Conference Room

### 3D pattern recognition of enzyme structures: molecular dynamics

A. Stavrakoudis  
University of Ioannina

17.00-18.30

19.00-20.30

Laboratory 1

Laboratory 2