

# Dimitris Vrakas

## PERSONAL DATA

Address:	P.O. Box 1320 Gorgopotamou, 57001, Thermi	Day of birth:	10/05/1977
Telephone:	2310 919303, 2310 998231, 6976 796816	Place of birth:	Thessaloniki
e-mail:	<a href="mailto:dvrakas@csd.auth.gr">dvrakas@csd.auth.gr</a>	Marital Status:	Single

## CURRENT POSITION

Lecturer at the Department of Informatics, Aristotle University of Thessaloniki. Topic: Advanced Programming Techniques and Automated Problem Solving

## EDUCATION

### 2005-2007: POST-DOCTORAL RESEARCH IN INFORMATICS

Dept. of Informatics Aristotle University of Thessaloniki. Topic: "Planning for the Semantic Web".

### 2004: PHD IN INFORMATICS

Dept. of Informatics Aristotle University of Thessaloniki. PhD Thesis: "Intelligent Planning Systems".  
Grade: "EXCELLENT"

### 1999: DEGREE IN INFORMATICS

Dept. of Informatics Aristotle University of Thessaloniki. GPA: 8.71/10

Thesis: "AI Planning: Implementation and Comparative Study of Representative Algorithms"

## EXPERIENCE

**2006 (winter): Adjacent Lecturer.** Department of Computer & Communication Engineering, University of Thessaly. Courses: Artificial Intelligence.

**2006 (spring): Adjacent Lecturer.** Department of Computer & Communication Engineering, University of Thessaly. Courses: Logic Programming

**Spring Semester 2003-2004: Adjacent Lecturer.** Department of Informatics, Aristotle University of Thessaloniki. Courses: The C Language & UNIX, Artificial Intelligence.

**Winter Semester 2003-2004: Adjacent Lecturer.** Department of Informatics, Aristotle University of Thessaloniki. Courses: Structural Programming.

## RESEARCH AND DEVELOPMENT PROJECTS

**2010 – 2013: Smart IHU.** An Ambient Intelligence System for a smart building (International Hellenic University).

**2008 – 2012: IRIS.** An Integrated System for Risk Management in Industries (E.U. FP6).

**2005 – 2007: PASER.** A Planning System in the Semantic Web for distance e-Learning (Greek Ministry of Education)

**2005 – 2007:** Open Learning Environment for Teaching Physics (Greek Ministry of Education).

**2005 – 2007:** Planning Systems in Semantic Web for e-Learning (Greek Ministry of Education).

**2002 – 2003 EUROCITIZEN.** Development of an Interactive, Agent-based, On line, Edutainment Environment to Promote European Intercultural Education and Cooperation Among Citizens of Europe (e-Content).

**2001 – 2002 PACOPLAN:** Development of a Parallel Constraint Planner with JAVA Interface (SUN Microsystems).

**2001 – 2002:** Planning and Organization Study of Harbor Infrastructure in the Region of Eastern Macedonia & Thrace. (Region of Eastern Macedonia & Thrace).

**1999 – 2001 CVL:** Development of a Composite Virtual Laboratory for Teaching Thermal and Thermodynamic Phenomena (Greek Ministry of Education)

## **SCIENTIFIC INTERESTS**

- Artificial Intelligence
- Automated Planning
- Semantic Web Services
- Sensor Networks
- Problem Solving
- Knowledge Representation
- Parallel Systems and Parallel Search Algorithms

## **SCIENTIFIC ACTIVITIES**

- Invited talk “An Introduction to Automated Planning: Languages, Algorithms and Applications”, 1<sup>st</sup> Summer School on Artificial Intelligence, Thessaloniki, 24/08/2009.
- ICAPS 2009, Local Workshop Organizer
- Program Committee member in 20 conferences from 2007-1013.
- Reviewer in approximately 40 papers and articles.

## **PUBLICATIONS**

I have published 1 PhD thesis, 5 book chapters and 40 papers (12 journal articles and 28 papers in national and international conferences)

I have co-translated a book in Robotics and co-authored two edited volumes on Automated Planning and Problem Solving.

I have received 203 citations to my work.