

CURRICULUM VITAE

Nicolae ROBU, professor at "Politehnica" University of Timisoara

Automatics, Computer Science and Engineering University

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PERSONAL DATA:

Date and place of birth: 28.05.1955, Bocsig, Arad County, Romania

Marital Status: married, two children

Languages: Romanian, French, English

QUALIFICATIONS

1997: professor ("Politehnica" University of Timisoara)

1995: senior lecturer ("Politehnica" University of Timisoara)

1995: Ph.D. in Automatic Systems ("Politehnica" University of Timisoara)

1990: lecturer ("Politehnica" of Timisoara)

1986: teaching assistant ("Politehnica" of Timisoara)

1980: automatics and computers science engineer ("Politehnica" of Timisoara)

PROFESSIONAL EXPERIENCE:

1998-present *professor- "Politehnics" of Timisoara*

Teaching field: *Computer's Architecture, Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems, Paralel Prgraming, Embedded systems*

Scientific Field: *Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems, Paralel Programming, Embedded systems*

1995-1998 *senior lecturer- "Politehnics" of Timisoara*

Teaching field: *Computer's Architecture, Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems*

Scientific Field: *Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems*

1990-1995 *lecturer- "Politehnics" of Timisoara*

Teaching field: *Computer's Architecture, Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems*

Scientific Field: *Real Time Programming, Artificial Intelligence in Computer Integrated Programming, Neuronal Systems*

1987-1990 teaching assistant- “Polithechnics” of Timisoara

Teaching field: *Proceses’ Supervising Equipment, Proceses’ Computers Programing*

Scientific Field: *Real Time Programming, Bordering Systems Based on Graphics Analisis*

1983-1987 associated teaching assistant-IPTV Timisoara

Teaching field:

Computer Architecture, Microprocessor Based Systems, Real Time Programming,

Expert Systems,

Neuronal Networks, Data Bases Applications, Object Oriented Programming (C++, Java),

*Web Applications; **development & scientific activity:** *Control Devices for Nonconventional**

Energetic Groups, Microprocessor and Microcontroller Based Systems, Real Time

Concurrent

Processing, Embedded Software, Modelling, Control and Programming in Computer

Integrated

Manufacturing, Data Bases Applications, Web Applications)

1986-1985: scientific researcher at I.P.A. Timisoara (multi-microprocessor systems, real time concurrent

programs systems; responsible of several of them)

1985-1980: maintenance engineer at IIRUC Timisoara (CNC systems, process computers)

MANAGERIAL EXPERIENCE:

2 months(01.04.2004-present): **Rector** of the “Politehnica” University of Timisoara (elected by Senate and

confirmed by de Ministry of Education and Research)

12 years (1990-1994 and 1996-2004): **Vice-Rector** of the “Politehnica” University of Timisoara (elected by

Senate in 1990, 1992, 1996 and 2000)

10 years (1994-present): **Director** of the Academic Television Station of Timisoara, “TeleU” (named by Senate)

8 years (1996-present): PUT's **Institutional Coordinator for European Program “SOCRATES** (named by Senate)

8 years (1996- present): PUT's **Institutional Coordinator for European Program “LEONARDO DA VINCI”**

(named by Senate)

4 years (2000-present): **Member in National Council for European Program “LEONARDO DA VINCI”**

(named by Ministry of Education and Research)

8 years (1996-2000): **Member in Administration Council of Local Consortium Timisoara** (named by Senate)

8 years (1996-2000): **Member in National Council for Open Distance Learning**

(named by Ministry of Education)

8 years (1996-2000): **Member in National Council for Academic Curricula** (named by Ministry of Education)

MAIN SCIENTIFIC ACHIEVEMENTS

Scientific works published: 46

Printed teaching materials internal published by the University: 4

Books with ISBN: 5

Research-Development contracts and grants: 25 (with collaborators, leader to many of them)

Theaching pathways: 2 (with collaborators)

Published courses in UPT: 1 (with collaborators)

Inventions: 2

The most recent achievements:

- **2003–2004: Coordination of the design and development of the informatical system for net cooperation between public administration institutions aiming the economic development and promotion of the Timis County and The V-West Region of Romania (with PHARE support);**
- **2003: Design and coordination of the development of a web extension for the “GISC” software application (see below);**
- **2002–2003: Coordination of the functional design and of the elaboration of implementation specifications of the informatical system for the promotion of cooperation potential and investment opportunities in agriculture, environment protection and tourism in Timis County and The V-West Region of Romania and technical assistance in the development of the application (Italian investment - Law 212);**
- **2000–2001: Conception and coordination of the development of a software application for the administration of the schooling process in the universities, „GISC“ (current costumers: „Politehnica“ University of Timisoara, Technical University of Civil Engineering of Bucharest, University of Petrosani, „Iuliu Hatieganu“ University of Medicine and Pharmacy of Cluj-Napoca, „Stefan cel Mare“ University of Suceava, „Constantin Brancusi“ University of Targu-Jiu, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca).**

AFFILIATIONS:

Member of:

- **IEEE**
- **SRAIT (Romanian Society of Automatics and Technical Informatics)**

HOBBIES:

- *playing football, swimming*
- *listening and playing music*
- *enjoying nature*

Timișoara, 07.06.2004