

CURRICULUM VITAE

RADU ADRIAN VASIU

Date of birth: 28 October 1957

Place of birth: Lugoj, Timis County, Romania

Nationality: Romanian

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Foreign languages: English, French

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Studies:

- 1982 - graduate of the Faculty of Electrotechnics, specialisation: Electronics and Telecommunications, at the Politechnical Institute "Traian Vuia" of Timisoara (actual "Politehnica" University of Timisoara) with a Master Degree in Electronics Engineering
- 1998 - PhD in Electronics, with a thesis in the field of Digital Image Compression
- 1998-1999: graduate of the LOLA course (Learning about Open Learning), organized by the Heriot-Watt University in Edinburgh

Professional activity:

- 1982-1984: engineer at the Navy Enterprise in Drobeta Turnu-Severin
- 1984-1986: researcher at the Welding Institute in Timisoara
- 1986-1987: researcher at the Scientific Research Institute for Automatics in Timisoara
- 1985-1987: associate assistant at the Politechnical Institute "Traian Vuia" of Timisoara
- 1987-present: teaching staff at the "Politehnica" University of Timisoara, Faculty of Electronics and Telecommunications Engineering, Department of Communications
 - 1987-1990 assistant: Television, Electronic Devices and Circuits, Analogue Electronics
 - 1990: lecturer, teaching Digital Television, Communication Equipment Testing, Development of Multimedia Applications
 - 1999: associate professor
 - 2002: professor

Invited professor:

University of Central Lancashire, Preston, England

- March-June 1993: *Digital Television*
- May 2001: *Multimedia Applications Development*

Oulu Polytechnic, Finland

- March-April 2000: *Multimedia Authoring for WWW*

I.U.T. de Nice et de la Cote d'Azur, France

- April-May 2001: *Techniques Multimedia*
- June 2002: *Television Numerique*

T.E.I. Piraeus, Greece

- June-July 2003: *Multimedia Signals Processing*

Scientific activity:

- 59 scientific papers at national and international conferences
- 1 book (in English) in the field of digital image compression “Advanced Topics in Digital Image Compression” in 1997
- contributions to 2 books published by World Scientific and Engineering Society Press: “Recent Advances in Signal Processing and Communications” in 1999 and “Signal Processing, Communications and Computer Science” in 2000
- 2 books with ISBN number “Electronic Equipment Testing” in 2001 and “Audio-Video Compression” in 2002
- 3 published textbooks for students
- 1 laboratory textbook
- 14 research contracts, 4 as coordinator
- 12 European projects, in the field of education, 8 as project coordinator

- member of IEEE Communications Society and IEEE Computer Society
- member of the European Association for Telematics Applications (E.A.T.A.)
- member of IASTED (International Association of Science and Technology Engineers for Development)
- member of EuroPACE (European Portal for Advanced Collaboration in E-learning)
- member of the Commission for European Integration of the Romanian Academy of Sciences, Timisoara Subsidiary

Administrative activities:

- 1997 – present: responsible for college activities, Faculty of Electronics and Telecommunications
- 1998 – present: assistant manager Distance Education Study Centre
- 2004 – present : Scientific Secretary of the UPT Senate

Experience in international projects:

- 1992-1995: TEMPUS “DECOR” project, S-JEP 06484-92, in the field of short-cycle higher education development in Romanian Universities, value for UPT: about *45,000 EURO*
- 1995-1998: assistant-coordinator of the TEMPUS “DRUM” S-JEP 09838-95 project, in the field of audio-video, multimedia and journalism studies development in three Romanian universities: “Politehnica” University of Timisoara, West University of Timisoara and University of Sibiu. Partners: Bilston Community College (UK), University of Central Lancashire (UK), Oulu Institute of Technology (Finland), University “Paul Sabatier” Toulouse (France), University of Nice (France), School of Journalism Marseille (France), Technical College Slagelse (Denmark), <http://www.opendrum.utt.ro>, value for UPT: about *460,000 EURO*
- 1997-2001: coordinator of the TEMPUS “TEMIS” S-JEP 12086-97 project (Telematics and Multimedia within the Information Society). Partners: “Politehnica” University of Timișoara, “Lucian Blaga” University of Sibiu, “Transilvania” University of Brașov (all from Romania), University of Central Lancashire (England), Bilston Community College (England), Oulu Institute of Technology (Finland), University “Sophia Antipolis” of Nice (France), Technical Educational Institute Piraeus (Greece), Technical Educational Institute Patras (Greece), European Centre for Strategic Management of Universities Brussels

(Belgium), California State University Chico (U.S.A.), Dudok College (Holland). Objectives: development of distance education courses in Romanian universities, creation of a Centre for Learning Technologies and of a Laboratory for Electronic and Communication Equipment Testing, value for UPT: about *480,000 EURO*

- 1998-1999: assistant coordinator of the Phare Multi-Country project for the development of a Distance Education Study Centre in Timisoara, as part of a network of 40 study centres in Central and Eastern Europe, value for UPT: about *80,000 EURO*
- 1998-2004: coordinator of 5 Erasmus Socrates projects for student and staff exchanges, between the “Politehnica” University of Timisoara and Oulu Institute of Technology, Finland, the University “Sophia Antipolis” of Nice, France, University of Central Lancashire Preston, UK, University LaRochelle, France Technological Educational Institute of Piraeus, Greece and University of Ulm, Germany and University of Krems, Austria; about *16 student mobilities/year*
- 1999-2000: local coordinator of the Socrates project “Europe as a Challenge”, involving Dudok College (the Netherlands), Wolverhampton College (UK), Helsinki Business College (Finland), Cebanc-Cdea San Sebastian (Spain), <http://www.opendrum.utt.ro/europe>, value for UPT: about *8,400 EURO*
- 1999-2001: assistant coordinator and financial coordinator of the Leonardo da Vinci TIMKARS project (contract RO/99/2/011079/PI/II.1.1.c/FPC), involving Fachhochschule Rosenheim (Germany), Kathrein Werke KG (Germany), Rohde & Schwarz Wien (Austria), EffEff Lugoj, Romkatel SA and Timisoara Chamber of Commerce (Romania), <http://www.opendrum.utt.ro/leonardo/timkars/>, value for UPT: about *225,000 EURO*
- 1999-2000: local coordinator of the Leonardo da Vinci project – Multiply CADUBALM (Computer-Assisted Development of Teaching Units Based on Authentic Language Material), coordinated by the University of Giessen, Germany, in the field of developing on-line courses for foreign language teaching <http://www.cadubalm.net/>, value for UPT: about *8,600 EURO*
- 2000: local contact person for the Leonardo da Vinci – SANGRIA Mobility Project, coordinated by the Santander Group, Spain, value for UPT: about *6,000 EURO*
- 2001-2003: local coordinator of the Leonardo project “European Key Competences”, involving The Dutch Alliance (the Netherlands), BFI Steiermark (Austria), Bildungswerk der Wirtschaft GmbH (Germany), AOF Education Center Aarhus (Denmark), COEPA Alicante (Spain), <http://www.keycompetences.org>, value for UPT: about *18,300 EURO*
- 2001-2003: local coordinator of the Socrates Minerva project MISSION – Multy-Country Integrated System Support for Improved ODL Networking, coordinated by the Apertus Foundation Budapest, <http://ldrum.opendrum.utt.ro/mission/> <http://www.odl-mission.org/>, value for UPT: about *21,000 EURO*
- 2003-present: local coordinator of the Leonardo “REMOTE” project, coordinated by Ethos Associates from Northwich, UK, value for UPT: about *34,400 EURO*
- 1997-2003: development of On-line Distance Education course modules with partners from UK, Finland, France, Netherlands and Germany (see www.opendrum.utt.ro/online)

Teaching, researching or study periods abroad:

- 1993: University of Central Lancashire, Preston, UK
- 1994: Institute Universitaire de Technologie “Paul Sabatier” Toulouse, France

- 1995: Technical College Slagelse, Denmark
- 1996: Oulu Institute of Technology, Oulu, Finland
- 1997: Bilston Community College, UK
- 1998: Oulu Institute of Technology, Oulu, Finland
- 1999: Technological Educational Institute of Piraeus, Greece
- 2000: University of Central Lancashire, Preston, UK
- 2001: University of Nice, France
- 2002: University of Nice, France
- 2003: Technological Educational Institute of Piraeus, Greece