

CURRICULUM VITAE

1. Personal details:

First and last name: Tomislav Pavlović

Date and place of birth: 14 September 1949, Niš, Serbia, Serbia and Montenegro

Work address: Department of Physics, Faculty of Sciences and Mathematics,
P. O. Box 224, 18000 Niš, Serbia

Telephone number: +381 18 533 015 extension 54

Fax number: +381 18 533 014

E-mail: pavlovic@pmf.ni.ac.yu

2. Education (institution, period of time and degree-title):

- 2.1. Faculty of Sciences and Mathematics, Department of Physics, University of Belgrade, Belgrade (undergraduate studies), 1968-1973, *Physicist*.
- 2.2. Faculty of Sciences and Mathematics, Department of Physics, University of Belgrade, Belgrade (graduate studies), 1974-1977, *Master of Physics*, Title of the Master Thesis (worked out under the supervision of Prof. dr J. Labat): *A Study of Impact Processes Velocities in Perturbed Discharge*.
- 2.3. Faculty of Electrical Engineering, Department of Technical Physics, 1986, Title of the *PhD* Thesis (worked out under the supervision of prof. dr B. Lalović and prof. dr A. Ignatiev at the University in Houston): *Optical and Microstructural Characteristics of Spectrally Selective Surfaces on Anodically Oxidized Aluminum*.

3. Employment history (period of time, title, institution):

- 1999 - Full professor of General Physics and Surface and Thin Physics, Faculty of Sciences and Mathematics, Department of Physics, University of Niš, Niš, Serbia.
- 1997 - Full professor of General Physics and Surface and Thin Physics, Faculty of Philosophy, Department of Physics, University of Niš, Niš, Serbia.
- 1992 - Associate Professor, Faculty of Philosophy, Department of Physics, University of Niš, Niš, Serbia.
- 1987 - Assistant Professor, Faculty of Philosophy, Department of Physics, University of Niš, Niš, Serbia.
- 1973 - Teaching Assistant, Faculty of Philosophy, Department of Physics, University of Niš, Niš, Serbia.
- 1968 - Gymnasium, Niš.

4. Teaching experience (institution, title, period of time):

- 4.1. Faculty of Philosophy, Department of Physics, University of Niš, Course: *General Physics II* (undergraduate studies), Teaching Assistant, 1973-1986
- 4.2. Faculty of Philosophy, Department of Physics, University of Niš, Course: *Methodology in Physics Education* (undergraduate studies), Teaching Assistant, 1975-1980
- 4.3. Faculty of Philosophy, Department of Chemistry, University of Niš, Course: *General Physics for Chemists* (undergraduate studies), Assistant Professor, 1987
- 4.4. Faculty of Philosophy, Department of Physics, University of Niš, Course: *General Physics I, Surface and Thin Film Physics* (undergraduate studies), Assistant Professor, 1987-1992
- 4.5. Faculty of Philosophy, Department of Physics, University of Niš, Course: *General Physics I, Surface and Thin Film Physics* (undergraduate studies), Associate Professor, 1992-1997
- 4.6. Faculty of Sciences and Mathematics, Department of Physics, University of Niš, Course: *General Physics I, Surface and Thin Film Physics* (undergraduate studies), Full Professor, 1997-
- 4.7. Faculty of Sciences and Mathematics, Department of Physics, University of Niš, Course: *Surface and Thin Film Physics*, (postgraduate studies), Full Professor, 1997-
- 4.8. Faculty of Sciences and Mathematics, Department of Physics, University of Niš, Course: *Renewable Energy* (postgraduate studies), Full Professor, 2005-

Managing Activities

2000-2004	Dean of the Faculty of Science and Mathematics, University of Niš
1994-1996	Vice Dean
1996-2004	Head of Institute of Physics

Education Abroad

1984/1985	(A Year at the University of Huston)
1987	(A Three-month-stay in Cronar Co. in Princeton)

5. Yugoslav Research Projects (title, financier, status, period):

- 5.1. *New Electrochemical Processes for the Protection of Surface materials in Contact Technics*, Republic Ministry of Science (Republic of Serbia), Head on the Project, 1995
- 5.2. *Atomic and Molecular Processes on the Border of Phases*, Republic Ministry of Science (Republic of Serbia), Research Member on the Project, 1996
- 5.3. *New Method of Copper Separation, Generating of Copper Oxichloride, Dissolution of Amonium and Other Harmful Materials from the Waste Electrolites of Different Amonium Complex of Copper and Acid Copper (I) (II) Generated in the Process of*

Printed Circuit Board Production, Republic Ministry of Science (Republic of Serbia), Head on the Project, 1998

- 5.4. *Survey of Patogenic, Morphometric and Functional Changes after the Exsposition to the Electromagnetic Radiation*, Republic Ministry of Science (Republic of Serbia), Research Member on the Project, 2002
- 5.5. *Development and Investigation of Hybrid Flat Collector of the Sun Radiation for Thermal and Electrical Conversion*, Republic Ministry of Science (Republic of Serbia), Head on the Project, 2004-2005
- 5.6. *A Study of Energy Potential of Serbia for the Use of the Sun Radiation and Wind Energy*, Republic Ministry of Science (Republic of Serbia), Head on the Project, 2004
- 5.7. *Development multioperational mobile machine for cutting waste forest*, Republic Ministry of Science (Republic of Serbia), Research Member on the Project, 2005

6. Numbers of publication

6.1. Books: 4

6.2. Articles:

A. Papers in International Journals: 20

B. Contributed Papers in International Conferences: 17

C. Articles in Yugoslav Journals: 32

D. Contributed Papers in Yugoslav Conferences: 40

E. Invited Lectures/Progress Reports at National Conferences and Symposia: 7

F. Contributed Papers Presented at the National Conferences and published as Abstracts: 10

G. Contributed Papers in Faculty Proceedings and Similar Publications: 14