

EUROPEAN  
FORMAT  
CURRICULUM  
VITAE



PERSONAL DETAILS

Surname and first name

**CURTU Ioan**

E-mail

curtui@unitbv.ro

Citizenship

Romanian

Date of birth

**July 5<sup>th</sup> 1942**

PROFESSIONAL  
EXPERIENCE

- Period
- Denomination and address of the employer
- Activity type or activity field
  - Position or title
- Main activities and responsibilities
- Period
- Denomination and address of the employer
- Activity type or activity field
  - Position or title
- Main activities and responsibilities

**1.10.1990 - present**

“Transilvania” University of Brasov

Higher Academic Institution

**professor doctor engineer**

Academic activities (teaching the courses of Materials Strength, Wood Rheology)

Scientific research activities

Department organization activities

**2006 – present**

Romanian Agency of Quality Assurance in Higher Education

**President**

Managerial activities, of organising and coordinating activities

EDUCATION AND  
TRAINING

- Period
- Denomination and type of academic institution and of professional organization responsible for the professional training
- Studied field/occupational skills
- Qualification type/Diploma obtained
- Classification level of the training / education form
- Period
- Denomination and type of academic institution and of professional organization

**1988 – present**

University of Brasov

Engineering sciences

Scientific PhD Consultant in the following specializations: Materials Strength, Elasticity, Plasticity

Currently, scientific PhD consultant for 14 current PhD candidates;

16 PhD candidates have completed their thesis, obtaining the title of doctor engineer, confirmed by The Ministry of Education and Research

**1.10.1967 – 20.04.1973**

University of Brasov

- responsible for the professional training
- Studied field/occupational skills
- Qualification type/Diploma obtained
- Classification level of the training / education form
- Period
- Denomination and type of academic institution and of professional organization responsible for the professional training
- Studied field/occupational skills
- Qualification type/Diploma obtained
- Classification level of the training / education form

Engineering sciences

Doctor engineer

PhD

1.10.1960 – 15.02.1966

Polytechnic Institute of Brasov– student

Engineering sciences

Engineer Diploma, first-class honours

Long-term University Studies

## PROFESSIONAL SKILLS

Acquired during life and career, but not necessarily recognized by a certificate or by a diploma.

### ***In the field of Higher Education Quality***

2009 – Organizing ENQA Colloquy themed *Master's Studies' Completion by BA and PhD Studies – realities and European and global trends*, between March 15<sup>th</sup> – 18<sup>th</sup> 2009, Braşov

2008 – participation in ENQA Colloquy – *From work programmes' assessing to the institutional assessing of quality*, between November 22<sup>nd</sup> – 26<sup>th</sup> 2008

2008 – Work visit at QAA (Great Britain – Bristol, London, Oxford), between October 4<sup>th</sup> – 12<sup>th</sup> 2008

2007 – Information-documentation visit at The French Agency of Quality Assurance (February 19<sup>th</sup> – 22<sup>nd</sup> 2007, Paris) and at The Irish Agency of Quality Assurance in Higher Academic Instruction (February 23<sup>rd</sup> – 25<sup>th</sup> 2007, Dublin)

2006 – participation in the Colloquy of the European Agencies' Network for Quality Assurance in Higher Education, Berlin, September 22<sup>nd</sup> – 25<sup>th</sup> 2006

***In the professional education field*** – information, documentation, and specialization stages in the diagnosis of mechanical structures and laboratory tests:

2004 – work visit at The University of Exeter – England

1999 – Université 1 Bordeaux – France, SOCRATES programme

1998 – ENSTIB – Epinal France

1996 – Technische Universität Wien, Austria

1993 – INSA – LYON - France

1993 – Polytechnic of Torino – Italy

July 1992 – France – INSA – Lyon

June 1992 – Italy – Polytechnic of Torino

October 1991 – Italy – Polytechnic of Torino;

1975 documentation stage at Zvolen Forest Institute, Czechoslovakia, on wood / wood based materials' strength and elasticity issues.

1970-1971 **DAAD** Scholarship in The Federal Republic of Germany, at T.H. Braunschweig, for one year – scientific research skills in laboratory experiments

## NATIVE LANGUAGE

Romanian

## FOREIGN LANGUAGES KNOWN

- Reading
- Writing
- Speaking

### **English**

satisfactory

satisfactory

satisfactory

• Reading	French good
• Writing	good
• Speaking	good
• Reading	German satisfactory
• Writing	satisfactory
• Speaking	satisfactory
• Reading	Russian satisfactory
• Writing	satisfactory
• Speaking	satisfactory

## SOCIAL SKILLS

Member of the following professional associations: ARTENS, AGIR, SRMTA

### Member of the Romanian Technical Sciences Academy

Team work ability, adaptation to multicultural environments – in the country or abroad –, good communication ability

Conferences and discourses:

- Bucharest 2009 (January – scientific secretaries' training within assessment teams, March – assessor students' training - "ARACIS" discourse and quality issues in Romanian higher education, May – internal assessors' training – debate on the quality assurance issue)
- Sinaia 2008 (May)
- Bucharest 2007 (December – Romanian Parliament)
- Bucharest (2007 – September)
- Sinaia (2007 – June)
- Miercurea Ciuc (2007 – February)
- Bucharest (2007 – January)

Work meetings at Romanian universities with didactic and non-didactic personnel, directly involved in the quality assurance process in faculties and universities

- Sibiu 2006 – December
- Iași 2007 – January
- Bucharest 2007 – February
- Cluj Napoca 2007 – February
- Timișoara 2007 – March

Participation in all CNR conferences

Member of the European Commission of Quality Assurance in the Engineering Field, since 2009

## ORGANIZATIONAL SKILLS

ARACIS President: 2006 – present

- Coordination skills
- Organizational skills – internal organization of ARACIS and of assessors' training activities
- Setting up reports for the assessment of ARACIS
  - 2009 for ENQA Commission
  - 2008 for ESU Commission (August)
  - 2008 for EUA Commission (February – March)
  - 2007 for Miclea – Korca Commission
- June 2007 – "One Year of ARACIS Activity" National Conference – ASE Bucharest
- Participations in European agreements on themes linked to quality assurance in higher education
  - PHARE TVET 2004/2005/2006 – Technical Assistance within Projects (as a member of ARACIS team)
  - Quality Assurance in Romanian Higher Education in a European Context. Development of Academic Quality Management on a System and Institutional Level / FSE – POSDRU (2008 - 2011) – **Project Manager**
  - Quality and Leadership for Higher Education / FSE – POSDRU – **Member of the Management Board**

- *PhD Studies in Romania – Organizing Doctoral Schools / FSE – POSDRU (2008 - 2011) – Member of the Management Board*
- *PhD in Excellence Schools – Research in Quality Assessment in Universities and Increase in Visibility by Scientific Publishing / FSE – POSDRU (2008 - 2011) – Member of the Management Board*
- Active adaptation of university education to labour market / ANVELOPA non-allocated PHARE (2008 – 2009)
- *EUR-ACE Spread (2008 - 2010) – representative of ARACIS in partnership with Università degli Studi di Firenze – Facoltà di Ingegneria*

#### **Scientific research**

- Projects' coordination (experience acquired in multiple national and European research projects): TEMPUS 2734 – June 15<sup>th</sup> 1991 – June 15<sup>th</sup> 1994, Type D Global Bank – 15.09.1998 – 15.09.2002, RELANSIN – 2002 – 2004, MATNANTECH – 2003 – 2004, CEEEX 211/2006 – 2006-2008, CEEEX 219/2006-2006-2008, CEEEX 49/2006- 2006-2008, PNII 71-016/2007 – 2007-2010).
- Organizer and coordinator of technical-scientific manifestations and activities
- Head of PhD Department (2005 – present)
- Head of Department (1986-2008),
- Scientific university secretary (chancellor) (1974-1981),
- Member of the university Senate (1967-present)
- President of Honour Commission of “Transilvania” University of Brasov Senate (1976-2004)
- President of the Discipline Commission of UTBv Senate (2005 – present)

#### OTHER SKILLS

1990 **Traian Săvulescu Prize of THE ROMANIAN ACADEMY** for the book titled “Moulded Wood Products”, published at Editura Tehnică, Bucharest  
 Member of the Editorial Board for “Wood Industry” magazine (1972-1990)  
 Scientific referent for “Proligno” magazine (CNCSIS B+, Indexed EBSCO)  
 Member of the scientific committees of several national and international conferences and symposiums

Member of 45 Commissions for promotion to the titles of lecturer and professor

President of 19 Commissions for granting 1<sup>st</sup> Academic Degree

Scientific referent of 57 Commissions for granting the PhD title

List of representative articles and scientific works:

- published:	424
- ISI-indexed in magazines and proceedings:	12
- in the field of materials strength:	238
- in widely spoken languages:	152
- as a first author:	119
- individually:	35
- in collaboration:	262
- abroad:	127

#### **Recent works (2009)**

1. **CURTU I, STANCIU M, CRETU N, ROSCA I, - *Modal Analysis of Different Types of Classical Guitar Bodies***, in Proceedings of the 10<sup>th</sup> WSEAS International Conference on Acoustics & Music: Theory & Applications – AMTA09 (ISTP/ISI Proceeding of Thomson Scientific-Institute for Scientific Information), 23-25 March 2009, Prague, Czech Republic, ISBN: 978-960-474-061-1, ISSN: 1790-5095, pp. 30-34,
2. **CURTU I, STANCIU M D, GRIMBERG, R, SAVIN A. – *Experimental Research Regarding the Dynamical Behavior of Classical Guitar*** in Proceedings of the 10<sup>th</sup> WSEAS International Conference on Acoustics & Music: Theory & Applications – AMTA09 (ISTP/ISI Proceeding of Thomson Scientific-Institute for Scientific Information), 23-25 March 2009, Prague, Czech Republic, ISBN: 978-960-474-061-1, ISSN: 1790-5095, pp. 53-58,
3. **CURTU I., STANCIU M. D., *Analytical and Numerical Methods in Determination of the Natural Frequencies of Lignocelluloses Plates (English); Metode analitice si numerice in determinarea frecventelor proprii ale placilor lignocelulozice (Romanian)*** , in Buletinul AGIR Creativitate, Inventica, Robotica 2009, Ed. AGIR, Anul XIV, nr. 1, ian-martie 2009, ISSN 1224-7928, p. 10-14
4. **STANCIU M. D, CURTU I., ITU C., - *Influenta geometriei si a proprietatilor fizico-mecanice si elastice ale materialelor lignocelulozice asupra frecventelor proprii ale placilor de chitara utilizand FEM (Romanian); Influence of Geometry and Physical-Mechanical and Elastic Properties of Lignocelluloses Materials on the Natural Frequency of Guitar Plates Using FEM (English)*** , in Buletinul AGIR Creativitate, Inventica, Robotica 2009, Ed. AGIR, Anul XIV, nr. 1, ian-martie 2009, ISSN 1224-7928, p. 15-18

5. STANCIU M. D., CURTU I., *Fenomene statice si dinamice in analiza structurala a cutiilor de chitara (Romanian); Static and Dynamic Phenomena in Structural Analysis of the Guitar's Bodies (English)*, in Buletinul AGIR Creativitate, Inventica, Robotica 2009, Ed. AGIR, Anul XIV, nr. 1, ian-martie 2009, ISSN 1224-7928, p. 19-25
6. DATES R. N., CURTU I., *Studii privind comportamentul in timp al diferitelor tipuri de imbinari in lemn utilizate in constructii (Romanian); Studies on Behavior in Time of Different Types of Wood Used in Construction Joints (English)*, in Buletinul AGIR Creativitate, Inventica, Robotica 2009, Ed. AGIR, Anul XIV, nr. 1, ian-martie 2009, ISSN 1224-7928, p. 51-54
7. STANCIU M. D., CURTU I., *The Influences of Guitar Plates on the Vibrations of Guitar*, in Proc. Of 8th Youth Symposium on Experimental Solid Mechanics, 20-23 May 2009, Gyor Ungaria,
8. STANCIU M. D., CURTU I., *The Influences of Guitar Plates on the Vibrations of Guitar*, in Proc. Of 8th Youth Symposium on Experimental Solid Mechanics, 20-23 May 2009, Gyor Ungaria, ISBN 978-963-9058-26-2, p. 24-25, pe CD ISBN 978-963-9058-27-2
9. STANCIU M. D., CURTU I., *Experimental Research Regarding the Acoustic Features of Wood Species used on Classical Guitar Construction* in Proc. Of 8th Youth Symposium on Experimental Solid Mechanics, 20-23 May 2009, Gyor Ungaria, ISBN 978-963-9058-26-2, p. 64-65, on CD ISBN 978-963-9058-27-2
10. CURTU, I., STANCIU, M.D., ROSCA, I.C., CRETU, N. *About Structural Modification of Guitar's Plates*, in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, ISSN 1843-2689, Brasov, pp. 645-653, IUFRO and UEA
11. CURTU, I., STANCIU, M.D., ITU, C., SAVIN A., ROSU, D. *Research Regarding Structural Optimization of Classical Guitar Body* in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, ISSN 1843-2689, pp. 654-662, IUFRO and UEA
12. GRIMBERG, R., CURTU, I., SAVIN, A., STANCIU, M. D., ANDREESCU A., LEITOIU S., BRUMA A., BARSANESCU P, *Elastic Waves Propagation in Multilayered Anisotropic Composite – Application to Multilayered Lignocellulose Composite*, in Proc. of The 7<sup>th</sup> Edition of International Conference „Wood Science and Engineering in the Third Millennium”, ICWSE 2009, 4-6 June 2009, Brasov, ISSN 1843-2689, pp. 688-695, IUFRO and UEA.
13. STANCIU M. D., CURTU I., ROSCA I. C., SAVIN A., STEIGMANN R., *The Influences of Boundary conditions on the Dynamic Behaviour of Lignocellulose Composite Plates*, in Buletinul Institutului Politehnic din Iasi, Tomul LV (LIX) Fasc. 4, Sectia Stiinte si Ingineria Materialelor, publicat de Univ. Tehnica „Gh Asachi” din Iasi, ISSN 1453-1690, pp. 365-370.
14. STANCIU M. D., CURTU I., CRETU, N., GRIMBERG R., *Researches Concerning the Dynamic Behaviour of Lignocellulose Plates With Different Stiffening Braces*, in Buletinul Institutului Politehnic din Iasi, Tomul LV (LIX) Fasc. 4, Sectia Stiinte si Ingineria Materialelor, publicat de Univ. Tehnica „Gh Asachi” din Iasi, ISSN 1453-1690, pp. 371-378.
15. Cerbu, C., Ciofoaia, V., Curtu, I., Visan, A., *The effects on the Immersion Time on the Mechanical Behaviour in Case of the Composite Materials Reinforced with E-glass Woven Fabrics*, in Rev. Materiale Plastice, MPLAAM 46 (2) 2009, Vol. 46, nr. 2 –iunie 2009, Bucuresti Romania, ISSN 0025/5289 – ISI (CNCSIS A), pp.201-205
16. Cerbu, C., Curtu., I., *Flexural Tests in Case of Some Composites Reinforced with Carpinus/Beech Woof Flour*, In Annals of the University of Petrosani, Mechanical Engineering, Vol. 11 (XXXVIII), ISSN 1454-9166, Ed. Universitas Petrosani – Romania, 2009, pp. 29-36
17. Curtu, I., Stanciu, M.D., Grimberg, R., *Aspects Regarding Dynamic Behaviour of Lignocellulose Plates with Different Strutting Systems*, In Annals of the University of Petrosani, Mechanical Engineering, Vol. 11 (XXXVIII), ISSN 1454-9166, Ed. Universitas Petrosani – Romania, 2009, pp. 43-52

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July 15<sup>th</sup> 2009

Signature

Prof. univ. dr. eng. Ioan CURTU