



## Personal information

First name(s) / Surname(s) CHIRU Anghel  
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E-mail [achiru@unitbv.ro](mailto:achiru@unitbv.ro)  
Nationality Romana  
Date of birth 14.04.1949  
Gender M

## Work experience

Dates 1993-prezent  
Occupation or position held Professor  
Main activities and responsibilities Full professor, course coordinator for:  
- Processes and characteristics of internal combustion engines;  
- New solutions for internal combustion engines;  
- New materials and technologies in automotive industry;  
- Fuel injection and mixture formation in internal combustion engines;  
- Engines testing and approval.  
Coordinator of the study program „The Automobile and Future Technologies – master;  
Director of the Research Centre „HighTech Products for Automobiles”- Research Institute ICDD of the Transilvania University.  
Ph.D. Advisor in the fundamental domain ENGINEERING SCIENCES, domain MECHANICAL ENGINEERING – 19 Ph.D. theses completed.  
Dates, position 1990-1993 – Assoc. professor at Transilvania University of Braşov;  
1980-1990 – Lecturer at University of Braşov;  
1976-1980 – Assistant at University of Braşov.  
Name and address of employer Transilvania University of Braşov  
Bld. Eroilor 29, 500036 Braşov, România  
<http://www.unitbv.ro>  
Type of business or sector Academic - Mechanical Engineering, Automotive Engineering, Internal Combustion Engines  
Dates 1972-1976  
Occupation or position held Engineer, repair workshop foreman, chief of research laboratory  
Name and address of employer I.T.A. Constanţa

## Education and training

Dates 1986 (year of Ph.D. achievement)  
Title of qualification awarded Ph.D. in Mechanical Engineering  
Title of Thesis Research on forcing compression-ignition engines  
Name and type of organisation providing education and training University of Braşov  
Faculty of Mechanical Engineering  
Pagina 1 / 4 - Curriculum vitae al Chiru Anghel Pentru mai multe informaţii despre Europass accesaţi pagina: <http://europass.cedefop.europa.eu>  
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Level in national or international classification Ph.D.

Dates 1967 - 1972

Title of qualification awarded Engineer

Name and type of organisation providing education and training University of Braşov

Level in national or international classification M.Sc.

## Personal skills and competences

Native language romanian

Other language(s)

Self-assessment  
European level (\*)

French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C2	C2

(\*) Common European Framework of Reference for Languages

## Social skills and competencies

- 1990 – Founding member of SIAR - SOCIETY OF AUTOMOTIVE ENGINEERS FROM ROMANIA;
- 1990 -1994 - Deputy Editor in Chief of R I A - Revista Inginerilor de Automobile (Journal of Automotive Engineering);
- 1994 - 2005 – Director R I A - Revista Inginerilor de Automobile (Journal of Automotive Engineering);
- 1994 - present – Member of the Executive Board of S I A R ;
- 1996 - present – Member of S A E International;
- 1997 – present – President of local section of SAE INTERNATIONAL, Brasov;
- 1998 – Establishing of the Parteneriate programme between Transilvania University and Fachhochschule Konstanz;
- 2001 – Member, Research Board of Advisors, The American Biographical Institute, USA;
- 2004 - Member of Scientific Committee of FISITA International Congress (Barcelona) ;
- 2004 – Vicepresident of the Organizing Committee of the FISITA 2004 Meeting (Braşov) ;
- 2004 – President of the International Congress CONAT2004, organized by SAE International, SIAR and “Transilvania” University of Braşov, under FISITA and EAEC patronage;
- 2005 – Member of Scientific Committee of the International Congress CSE (Conference on Sustainable Energy);
- 2006 – Member of the Organizing Committee of the Congress “Computational Mechanics and Virtual Engineering”, Braşov, oct. 2006; Member of the Organizing Committee of the International Conference “Advanced Composite Materials Engineering”, COMAT 2006, Brasov, oct. 2006;
- 2007 – Member of Scientific Committee of the International Congress AMMA2007 - “Automotive, Environment and Farm Machinery” Cluj Napoca, 11-13 oct. 2007;
- 2007 – Co-editor of the Scientific Bulletin of the University of Pitesti. Series "Road vehicles", year XIII, no.17, ISSN 1453-1100
- 2008 - present – Co-editor of the journal “Ingineria Automobilului” (Automotive Engineering), ISSN 1842-4074;
- 2008 – Member of Scientific Committee of the Intl. Congress SMAT 2008 Craiova;
- 2008 – Member of the Organizing Committee of the International Symposium of Fracture Mechanics - FRAM 2008, Braşov;
- 2008 – Member of the Organizing Committee of the Congress COMAT2008 and “Advanced Composite Materials Engineering and Advanced in Human Body Protection to Vibrations”, Braşov 2008.
- 2009 – Co-editor – Bulletin of the International Congress COMEC-2009, Braşov, 29-30 october 2009, ISBN 978-973-598-572-1. B.D. FISITA;
- 2010 – President of the International Congress CONAT 2010, Braşov; Editor of the Bulletin of the International Congress CONAT 2010, FISITA;
- 2010 - 2014 - Organizer of the Conference series "Leaders of the automotive industry presents..."

## Managing skills and competencies

- 1976,1980 ,1985 ,1988 ,1993 ,1996,1999 - Member of the organizing committees of the conferences CONAT;
- 1996 - Member of the Organizing Committee of the Congress EAEC -Cernobbio (2-4 July 1997) ;
- 1997 - Vicepresident of the Organizing Committee of the FISITA Meeting 1997 and of the International Symposium "GLOBALIZATION OF AUTOMOTIVE INDUSTRY" (Braşov);
- 1997 - present - President of the local section SAE INTERNATIONAL Braşov;
- 1998 - Establishing of the Parteneriate programme between Transilvania University and Fachhochschule Konstanz;
- 1999- present - Vicepresident SIAR.
- 2000 (apr.) - Director CCSAMET (Center of Research and Development for Automobiles and Thermal Engines);
- 2000 - 2004 Chief of the Automotives and Engines Department, Transilvania University.
- 2004 - 2012 Dean of the Faculty of Mechanical Engineering Braşov;
- 2006 – Director of the Research platform SAVAT;
- 2008 – present - Coordinator of the Research Center "High-Tech Products for Automobiles", Research Institute ICDT;
- 2013 – Member of Scientific Committee of the Conference ASTR, Braşov 4-5 october;.
- 2000 - 2015 - Organizer of workshops with experts in the field of automotive engineering, from Germany, France, Austria, Belgium, USA, Italy, Denmark.
- 2014 - Coordinator of the parteneriate programme between Transilvania University of Braşov and Cadi-Ayyad University Marrakesh.

Driving licence(s) B, C

## Additional information

- 1974 – Specialization in the field of design and manufacturing of braking systems for motor vehicles (IPA Sibiu);
- 1974 – Specialization at the Training Center of the Ministry of Transport and Telecommunications;
- 1983 – Specialization in the field of internal combustion engines at INMT (National Institute for Thermal Engines);
- 1992 – Specialization at the Research Institute TNN (UK);
- 1993 – Specialization in the field of industrial robots and modern manufacturing technologies and assembly of automobiles, in Germany (companies: CLOOS, IDEAL, NIMAX, WHA, VEYL, RAS-REINHARD, EISENMANN and MERCEDES);
- 1996 – Documentation and specialization at CLESIA-SIA (Society of Automotive Engineers from France) and „Paul Sabatier” University (Toulouse);
- 1998 – DAAD Scholarship (FH Konstanz);
- 1998 – Documentation and specialization in the field of composite materials at „Paul Sabatier” University of Toulouse;
- 1999, 2000, 2001, 2002, 2015 – Teaching activities in the frame of SOCRATES programme, at the Universities of Konstanz, Aachen, Belfort-Montbelliard and Toulouse;
- 2003, 2004, 2005, 2007, 2013, 2014, 2015 – Invited professor at the Universities of Konstanz, Zwickau, Belfort-Montbelliard, Gent, Cadi Ayyad Marrakesh;
- 2000, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 - Technical visits at the manufacturing units of the companies AVL (Austria), BMW (Regensburg), Schaeffler (Herzogenaurach), Thyssen-Krupp (Liechtenstein), Horiba, Ford, Weber Motor, Kramer, FAW (China), CATARC/Tianjin Lishen, Batterz Joint-Stock (China), Steyr (Austria) Hoerbiger, MTV, Mercedes, Volkswagen, MAN, General Motors and Universities of Aachen, Dresda, Zwickau, Konstanz, Karlsruhe, Toronto, Ann-Arbor, Detroit, Shenyang, Cadi Ayyad Marrakesh, CNAM Paris.

## Papers, books, dissertations:

- 30 books and courses (international and national publishers):
  - Books and chapters, as author, international publishers: 5;
  - Books and chapters, as author, romanian publishers: 9;
  - Books as editor, international publishers: 1;
  - Books as editor, romanian publishers: 6;
  - Courses: 9;

## Articles and conference presentations:

- 245 articles and papers presented and published:
  - Articles in ISI indexed journals and conference proceedings: 17;
  - Articles in journals and conference proceedings, indexed in other international databases: 47;
  - Articles in national magazines and non-indexed conference proceedings: 155.
  - Plenary presentations at international conferences: 2;
  - Editorials in RIA journal: 24.

**Participation at international congresses organized by:** FISITA, EAEC, ATA-Italy, IMech – UK, VDI – Germany, SIA-France, STA Spain, UBIA-Belgium, SAE – SUA, SIAR – Romania, in London (1992, 2009), Strassbourg (1993-1995), Prague (1996), Pisa (1993), Genova (1995), Cernobbio (1997), Paris (1998), Barcelona (1999, 2004), Lyon (1996), Gent (1996), Belgrade (1997), Detroit (1996 ... 2008), Wald – Austria (1993, 1995), Yokohama (2006), Wien (2008), Valencia (2011), Beijing (2012), Maastricht (2014), Bucharest (2015).

**Member in the research team of 71 research contracts (26 as director), as follows:**

- 5 obtained by national competition (director);
- 3 obtained by international competition (member of the project team);
- 7 obtained by national competition (member of the project team);
- 28 with companies from România and EU (director);
- 28 with companies from România (member of the project team);

- Awards for professional activity: SAE 1998, 1999, 2000, 2002;  
 - Excellence diploma of FISITA Congress in 1992 and 2004;  
 - Excellence diploma of SAE Congress in 2006 and 2011.  
 - Excellence diploma of SIAR: 2010, 2015.

- Expert: CNCSIS, ARACIS, DAAD.  
 - 2006-present - member of the Expert Commission CNATDCU: "Aerospatial, automotive and transportation engineering".

Signature:

*Anghel Chiru*