

# Curriculum vitae

**NAME:** *MILICI*

**SURNAME:** *Laurențiu-Dan*

**DATE AND PLACE OF BIRTH:** dec.1967, Suceava, ROMANIA

## ADDRESS:

- **home:** Lisaura, 2A, Suceava district
- **office:** Universitatii Str., nr.13, Suceava, zip code 720226, ROMANIA

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## STUDIES AND GRADUATION YEAR:

- 1974-1982 – Primary school nr.2 Suceava
- 1982-1986 – National College „Petru Rareș” Suceava, Department „Mechanic in chemical industry”
- 1989-1994 – Faculty of Electrical Engineering, Technical University „Gh. Asachi” Iasi, Department „General Electrotechnics”, specialization „Instrumentation”, type of education „Engineers – day courses”
- 1994-1995 – Faculty of Electrical Engineering, Technical University „Gh. Asachi” Iasi, specialization „Power Electrotechnics, type of education „Postgraduate – day courses”
- 1996-1998 – Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava, specialization „Computers”, type of education „Engineers – day courses”, general studies (year I-II)
- 2004-2006 – Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava, specialization „Informatics”, type of education „Masters – day courses”

## PhD:

- final thesis: on 28.03.2003
- field: „Electrical engineering”
- title: „Contributions to the improvement of metrological performance of the temperature sensors”
- coordinator: PhD prof. eng. Mihai Cretu, „Gh. Asachi” University of Iasi, Faculty of Electrical Engineering

## OTHER COURSES:

- Certificate of *authorized metrologist*
- 1996 – the „*Definitive*” *degree in education*, granted by the Ministry of National Education
- 2003 – **Courses on „Counselling and training for the prodigies children”**, made by the National Foundation for Community Development, organized as distance education
- 2003 – **Courses on „Creative ideas for children”**, conducted by the National Foundation for Community Development, organized as distance education
- 2007 – **Course on „Cell broadband engine programming workshop”**, organized by IBM Corporation at Suceava
- 2008 – **Training Course „Design & Discovery – teacher training in engineering for second-level students”**, organized by Intel Corporation (Gerry Nolan – education specialist, Intel Ireland), Braila, 2008
- 2008 – **Training internship „Human Machine Interface”**, organized by Microchip and Vitacom, Iasi, 2008
- **Training course „Animator” – Steppen Stone Solution**, organized by the Romanian Government in the Phare: Educational Bridge in Bucovina
- 21-25.09.2009 – **Training internship „Linux Power User”**, organized by IBM Romania at University of Suceava (ibm.com/university)
- 15-16.06.2011 – **Member of the commission for testing the course „Methodologies and tools of project financing through scholarship mechanisms”** within the POSDRU 86/1.2/S/62885

- **Refresher training:** „*National trainer*”, organized by the Ministry of labour and Ministry of education, Certificate of graduation series F, nr.0197106 / 2011 in accordance with the Government ordinance no.129/2000
- 13-19.09.2012 – *Program for continue profesional training and development for university teachers interested in expanding/deepening the pedagogical skills needed in working with the students*, provided under the project „Quality, innovation, communication in the system of continue training for the teachers from higher education” POSDRU 87/1.3/S/63709, domain: Education sciences
- 11-12.07.2013 – **Course „Quality Management in Higher Education”** organized within the project "University community for quality management in higher education"
- 03.11.2011-31.12.2013 – *Program for training and awareness in quality assurance in distance education - ID*, organized and conducted under the Project PSDRU/86/1.2/S/60720 „Development and implementing a monitoring system, continuous improvement and quality assessment in higher education opened and at distance based on performance indicators and international quality standards”
- 21-25.11.2013 – Certificate of graduation „*Using AEL eLearning platform and ePortal portal*”, organized by SIVCO Romania at „Stefan cel Mare” University of Suceava
- 09-13.12.2013 – Certificate of attendance and graduation certificate for the **course „Manager in improvement processes”**, within POSDRU/86/1.2/S/62249 - European Quality in Higher Education, „Stefan cel Mare” University of Suceava
- 2015 courses in project „*UNIVERSITARIA - school academic teaching and advanced research*" POSDRU / 157 / 1.3 / S / 135 590 financed by the European Social Fund through the Sectoral Operational Programme Human Resources Development 2007-2013, Priority 1 - "education and training in support of growth and development of knowledge based society";
- 2016 training under the "*Student Self Service Mobile Access - MASS USV*" project HRD / 156 / 1.2 / G / 142 184;
- 2016 training *Partnerships*, organized by a network of trainers Erasmus + ANPCDEFP, 01 - 04.03.2016, Sinaia;
- 2016 training INFO-HE under the "*Policies based on evidence and the impact on the labor market*" HRD / 155 / 1.2 / S / 141 278, components Graduates and Labor Market Registry Single Roll of Romania Register Educational Integrated organized by CNFIS and MECSA;
- 2018, “EUR-ACE Certification system for study programs in the field of engineering sciences for international recognition”, organized by the Romanian Agency for Quality Assurance in Higher Education (ARACIS);
- 2018, “Doctoral studies in statistical data”, organized by the Romanian Agency for Quality Assurance in Higher Education (ARACIS);
- 2018, "Continuing education - support in the professional development of teachers", organized by the House of the Faculty George Tofan Suceava;
- 2019, “Modern training methods in the teaching of the specialty in technical disciplines”, organized by the “Stefan cel Mare” University of Suceava.

#### **INTERNSHIP ABROAD:**

- during the period December 1997 - April 1998 I performed an **internship** at *Instituto Superior de Engenharia in Porto*, Portugal, materialized through achieving a scientific paper in collaboration with Professor Jose Carlos Oliveira titled „Developing a Support package for Assimetric Multiprocessing in a Double Pentium Board”
- 2011, April 25 to 30, performing a **teaching stage** (STA) at *Katholieke Hogeschool Sint Lieven, Gent* (BGent16), Belgium, Energetical Engineering Department, under the institutional agreement LLP / Erasmus 2010-2011, completed with 5 hours of teaching a lecture on Instrumentation measurement and of tutoring students
- 2011, 01.09-01.12, **research internship** within the postdoctoral project “Progress and development through post-doctoral research and innovation in engineering and applied sciences – Pride” in the *Aristotle University of Tessaloniky*, Greece, collaborator. ass.prof.dr.eng. Vasilis Chatziathanasiou
- 2012, April 30 - May 5, performing a **teaching stage** (STA) at *Gazi Univeristy of Ankara*, Turkey, at Faculty of Engineering, within the institutional agreement LLP / Erasmus 2011-2012, completed with 5 hours of teaching on Instrumentation Measurement and tutoring students

- 2012, May 13 to 19, attending an **internship** on lifelong education on „Learning and Mind Symposia” within Intel ISEF, held in *Pittsburgh*, Pennsylvania, USA, organized by the Society for Science and the Public and Portland State University and obtaining 10 CEU
- 2013, April 29 - May 4, performing a **training stage** at *Katholieke Hogeschool Sint Lieven, Gent* (BGent16), Belgium, Department of Energy, within the institutional agreement LLP / Erasmus 58 / 31.05.2012
- 2014, 28.04 - 02.05, performing a **training stage** at the *Technological Educational Institution (TEI) of Chalkida*, Greece, Erasmus code G PSAHN-E01
- 2015 April 13 to 17, a joint mission *Josip Juraj Strossmayer training at University of Osijek*, Croatia, HR-31000Osijek Erasmus code;
- 2016.16.05 - 21.05, conducting a **training mission** at the *Instituto Politecnico of Braganca*, Portugal, P Erasmus code BRAGANC01;
- 2016, 17 – 22.10, Project Factory - **Training course** to develop cross-sectorial projects for youth at risk and in NEET situation, *Agency for International Programs for Youth, Riga*, Letonia;
- 2017, 24 – 29.04, **teaching stage** at the *Aristotle University of Tessaloniky* – Grecia, in program ERASMUS;
- 2019, 27 – 31.05, **training stage** at the *University of Belgrade*, Serbia, School of Electrotechnics, în programul ERASMUS;
- 2019, 24 – 30.09, **PBL Teacher Workshop**, Nanning, China.

**MILITARY SERVICE: completed** during the period September 1986 - February 1988

#### **PROFESSIONAL ACTIVITY:**

- 1988-1989 – employed as a fine mechanics locksmith at the Central mechanical workshop of the County Union of Suceava
- October 1994 - September 1998 – junior assistant, Electrical Engineering Department, Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava
- September 1994 - September 1999 – I collaborated, as an associate professor, with the County School Inspectorate of Suceava, by performing educational activities in the field of electrical engineering, electronics and multimedia, at Children's Palace of Suceava
- October 1998 - September 2000 – assistant, Electrical Engineering Department, Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava
- October 2000 - February 2005 – lecturer, Electrical Engineering Department, Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava
- February 2005 – January 2016 - associate professor, Electrical Engineering Department, Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava, the didactical activities consisting in teaching of courses and practical activities (laboratories, projects, seminars) on: Electrical measurements, Electronic measurements, Sensors and transducers, Metrology, Digital circuits and microprocessors, Numerical computation, Data aquisition and communications (Master), Computer programming and programming languages, Virtual instrumentation
- Since January 2016 - professor, doctoral studies coordinator, Electrical Engineering Department, Faculty of Electrical Engineering, „Stefan cel Mare” University of Suceava, the didactical activities consisting in teaching of courses and practical activities (laboratories, projects, seminars) on: Electrical measurements, Electronic measurements, Sensors and transducers, Metrology, Digital circuits and microprocessors, Numerical computation, Data aquisition and communications (Master), Computer programming and programming languages, Virtual instrumentation.

#### **SCIENTIFIC PAPERS:**

- Volumes published in international academic publishers – 4
- Volumes published in national and academic publishers – 15
- ISI indexed papers – 32
- Papers published in journals and specialized periodicals abroad – 19
- Papers published in journals and specialized periodicals in the country, annals or university scientific papers – 87
- Papers published in journals, technical periodicals, science popularization periodicals – 25

- Papers published in the proceedings of international scientific events – 40
- Papers in scientific events abroad – 9
- Papers published in the proceedings of national scientific events, peer-reviewed and with program committee – 10
- Papers communicated in national and international scientific events, organized in the country – 59
- Synthesis documentary papers – 9

#### **RESEARCH GRANTS:**

- Member of the research collectives for grants won by competition – 26
- Member of the implementation collectives of grants won by competition – 4
- Member of the research teams of research contracts – 14
- Products, technologies, studies, services resulted from research activities ordered by the customer based on contract – 5

#### **PATENTS AND PATENT APPLICATIONS:**

- Patents – 42
- Patent applications – 82

#### **PROFESSIONAL ORGANIZATIONS AND ASSOCIATIONS:**

1. 1995-2000 – member – *European nuclear society (ENS)* and *Romanian association „Nuclear energy” AREN (Asociația română „Energia nucleară” AREN)*
2. Since 1996 – member – *General association of engineers from Romania AGIR (Asociația generală a inginerilor din România AGIR)*
3. Since 1998 – member – *The institute of electrical and electronics engineers, Inc. (IEEE) New York – USA* and *World society of instrumentation and measurement associations*
4. 1999-2003 – member – *Society for optimizing energy consumption in Romania SOCER (Societatea pentru optimizarea consumurilor energetice din România SOCER)*
5. Since 2000 – founding member and secretary of the subsidiary of Suceava – *Romanian society of automation and technical informatics SRAIT (Societatea română de automată și informatică tehnică SRAIT)*
6. Since 2000 – member – *Inventors society of Romania SIR (Societatea inventatorilor din România SIR)*
7. Since 2001 – member and coordinator of the Research and science popularization department – *Cygnus Scientific Society - UNESCO center (Societatea științifică Cygnus - centru UNESCO)*
8. Since 2002 – founding member of the subsidiary of Suceava – *Electrical systems and automation society from Romania SIEAR (Societatea de instalații electrice și automatizări din România SIEAR)*
9. Since 2008 – member – *World scientific and engineering academy and society*
10. Since 2009 – founding member and vicepresident – *Romanian society for philosophy, engineering and techno-ethics (Societatea română de filosofie, inginerie și tehnologică)*
11. General Secretary of *FRACCU (Romanian Federation of UNESCO Centers)* elected for a term of two years in 09.2009
12. Since 2010 – honorary member of the elected in the General Assembly of 2010 – *Romanian association of electricians AREL (Asociația română a electricienilor AREL)* elected in the General Assembly of 2010
13. Since 2010 – associate member – *Center for innovation in education TEHNE (Centrul pentru inovare în educație TEHNE)* – www.tehne.ro
14. Since 2009 – member – *Society for science and public (SSP) USA*, NGO which organizes ISEF competition
15. Since 2013 – member – *Romanian coalition for engineering education CREDING (Coaliția română pentru educație în inginerie CREDING)* – www.creding.ro

#### **COMPUTER USING ABILITIES:**

- Operating systems: DOS, Windows, Linux, Apple
- Microsoft Office (Word, Excel, PowerPoint, Access)
- Data bases programs: FoxPro
- Mathematical computing programs: MatLab, MatCad, Matematica
- Programs for graphics: Paint, Designer, CorelDraw

- Programming: Pascal, C, C++, Visual C
- Programms for graphical applications: Visual Basic
- Programs for designing programs / Simulation for Electrotechnics: Electronic Workbench (Multisim)
- Virtual instrumentation: LabVIEW
- Programming the microcontrollers: Microchip, Philips

01.2021

dr. eng. Laurențiu-Dan MILICI