



Curriculum vitae Europass



PERSONAL INFORMATION

Surname / Name **GORDAN Cornelia Emilia**
Adress Oradea, Bihor, Romania
Phone +40 259 408191 Mobil: 0722.570.889
Fax +40 259 432919
E-mail cgordan@uoradea.ro corneliaemilia.gordan@gmail.com
Webpage <http://cgordan.webhost.uoradea.ro/>
Nationality Romanian
Date of birth 23/04/1962
Sex Female

JOB APPLIED FOR POSITION Professor/
PREFERRED JOB STUDIES APPLIED FOR University of Oradea/ Faculty of Electrical Engineering and Information Technology/
Department of Electronics and Telecommunications

WORK EXPERIENCE

Period 01.10.2003 - present
Position **Professor**
21.04.2004 – 11.09.2011 **Head of Electronics and Telecommunications Department**
12.09.2011 – 28.06.2016 **Director of Electronics and Telecommunications Department**
12.09.2011 –present **Member - Electronics and Telecommunications Department Council**
Activities **Teaching: Course: 1.**Signals and systems,**2.**Analogic and digital electronics, 3. Signals numerical processing;
Main responsibilities **4.** Telecommunications circuits, **5.** Nonstationary signals analysis and synthesis
Research
Administrative activities at department: teaching, research and logistic activities
Institution University of Oradea - 1, Universităţii St, 410087 Oradea, <http://www.uoradea.ro/>
Business or sector Higher education, Faculty of Electrical Engineering and Information Technology/ Department of Electronics and Telecommunications

Period 01.06.2000 - 30.09.2003
Position **Associated Professor**
06.03.2000 – 10.03.2004 Scientific Secretary and Council Member – Faculty of Electrical Engineering and Information Technology

Activities	<ul style="list-style-type: none"> ▪ Teaching: Course: 1.Signals, Circuits and systems,2.Electronics Devices and Circuits, 3. Signals numerical processing; 4. Nonstationary signals analysis and synthesis Laboratory: Nonstationary signals analysis and synthesis ▪ Research ▪ Administrative activities at Dean's Office: research and logistic activities
Main responsibilities	
Institution	University of Oradea - 1, Universității St, 410087 Oradea, http://www.uoradea.ro/
Business or sector	Higher education, Faculty of Electrical Engineering and Information Technology/ Department of Electronics and Telecommunications
Period	24.02.1992 – 01.06.2000
Position	Lecturer
Activities	<ul style="list-style-type: none"> ▪ Teaching: Course: 1.Signals, Circuits and systems, 2.Electronics Devices and Circuits, Laboratory: Electronics Devices and Circuits, Electronics Seminar: .Signals, Circuits and systems ▪ Research
Main responsibilities	
Institution	University of Oradea – 1, Armata Poporului St, 3700 Oradea, http://www.uoradea.ro/
Business or sector	Higher education, Faculty of Electrotechnics and Information, Electronics Department
Period	01.10.1990 – 24.02.1992
Position	Assistant Professor
Activities	<ul style="list-style-type: none"> ▪ Teaching: Laboratory; Electronics, Computers and Programming, Industrial Automation, Automation in Energetics. ▪ Research
Main responsibilities	
Institution	University of Oradea – 1, Armata Poporului St, 3700 Oradea, http://www.uoradea.ro/
Business or sector	Higher education, Faculty of Electrotechnics and Energetics
Period	01.09.1988 – 01.10.1990
Position	Research Engineer
Activities	<ul style="list-style-type: none"> • Research : Responsibilities regarding the introduction of the calculation technique in the didactic and research activity within this academic institution
Main responsibilities	
Institution	Oradea Institute of Sub-engineers - 1, Armata Poporului St, 3700 Oradea, http://www.uoradea.ro/
Business or sector	Higher education, Oradea Institute of Sub-engineers
Period	01.09.1986-31.08.1988
Position	Design engineer
Activities	<ul style="list-style-type: none"> • Design Service - Responsibilities for computing introduction in company's technical sectors
Main responsibilities	
Institution	IJPIPS, Bihor, 3, Moscovei St, Oradea
Business or sector	Industry

EDUCATION AND TRAINING

Period	26.03.2010
Qualification / diploma	Graduation certificate of the training module in university management "Services and support for students", organized within the strategic project "Improving University Management "
Studied disciplines / professional competencies	"Services and support for students" - Academic support for students, Planning and guidance in Career, Consulting and Support Services, Student Relations, Taxes and Financing, Alumni
Organizing Institution / sector	University Management Competence Center coordinated by the Polytechnic University from Timișoara / Higher Education
National and International level of clasification	ISCED 6
Period	01.10.2005 – 01.03.2007

Qualification / diploma	Master Degree
Studied disciplines / professional competencies	Educational Management
Organizing Institution / sector	University of Oradea, www.uoradea.ro / Higher Education
National and International level of clasification	ISCED 5
Period	01.11.1990 - 28.05.1999
Qualification / diploma	PhD Degree
Studied disciplines / professional competencies	Engineering Science – Electrical Engineering
Organizing Institution / sector	University of Oradea, Faculty of Electrotechnics and Information, www.uoradea.ro / Higher Education
National and International level of clasification	ISCED 6
Period	15.09.1981 - 30.06.1986
Qualification / diploma	Engineer
Studied disciplines / professional competencies	Electronics and Telecommunication Specialisation
Organizing Institution / sector	Faculty of Electrotechnics Timișoara, Traian Vuia Polytechnic Institute Timișoara, http://www.upt.ro/ / Higher Education
National and International level of clasification	ISCED 5
Period	15.09.1977 - 15.06.1981
Qualification / diploma	Baccalaureate
Studied disciplines / professional competencies	Mathematics Physics
Organizing Institution / sector	„Emanuil Gojdu” Mathematics Physics Lyceum Oradea, http://www.lego.rdsor.ro/
National and International level of clasification	ISCED 3-4

PERSONAL SKILLS

Mother tongue(s) **Romanian**

Other language(s)

Self- Assessment
European level (*)

English

French

UNDERSTANDING				SPEAKING				WRITING	
Listening		Reading		Spoken interaction		Listening		Exprimare scrisă	
C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user
B2	Independent user	B2	Independent user	A2	Independent user	A1	Independent user	A1	Independent user

(*)Common European Framework of Reference for Languages

Communication skills

- Team work ability – experience for more than 36 years, in industrial and higher education activities fields;
- Communication skills both with departmental colleagues and students, gained after 2 years experience in an industrial activity and teaching for over 34 years, during which I coordinated more than 180 projects diploma and dissertation papers;
- Ability to adapt to activities within multinational teams obtained as a result of various personal professional relationships that I have developed over several years and which have materialized in research contracts, scientific papers and Erasmus/Socrates and Leonardo da Vinci programs.

Organisational / managerial skills

- 21.04.2004 – 11.09.2011 Head of Electronics and Telecommunications Department
- 12.09.2011 – 28.06.2016 Director of Electronics and Telecommunications Department
- 03.2008 – 02.2012 Member of University of Oradea Senate
- 1995 - 2016 Member of Faculty of Electrical Engineering and Information Technology Council
- 12.09.2011 –present Member in Electronics and Telecommunications Department Council
- 06.03.2000 – 10.03.2004 Scientific Secretary – Faculty of Electrical Engineering and Information Technology
- 1996 - 2016 – Member in 53 committees of Faculty of Electrical Engineering and Information Technology Council
- 1998 – 2012 coordinator- Erasmus/Socrates program between University of Oradea and National Technical University of Athens, Greece
- 2000 – 2014 Erasmus/Socrates program between University of Oradea and Technological Education Institute from Pireas, Greece
- 2002–2011 Erasmus/Socrates program between University of Oradea and University of Liege,Belgium
- Member - 8 expertise / evaluation teams of scientific research or projects funded from European funds at University of Oradea
- 2003-present – Member - 15 commissions for defending doctoral theses at Politehnica Universit of Timișoara and Politehnica University of Bucharest
- 2003-present – Member - 42 commissions for defending doctoral theses and report at University of Oradea
- **Member – competition commissions for university teaching positions:**
 - professor **6**, associated professor **11**
 - lecturer **22**, assistant **15**, university preparator **9**.
- **I Grade papers Coordinator** – pre-university education: 6
- **Commissions for the elaboration of Self-Assesment Reports:**
 - Bachelor specialisations: Applied Electronics 2003, 2009, 2016; Medical Engineering 2006; Telecommunications Networks and Software 2006, 2012;
 - Master specialisations: Audio-Video Technologies and Telecommunications 2004, 2008, Signals Processing in Electronics and Telecommunications 2008, Crioelctronic Technologies 2008, Advaced Electronic Systems 2010.
 - College (short time studies) specialisations: Electronics 1999, Medical Technics and Devices Exploitation 2002;
 - Research: Information Technology, Electronics and Automation Research Center 2006.

Grants (director)

International

- 2007 – 2008 **Director** - Leonardo da Vinci LLP- LdV/07/RO/014 Contract - *Developing competencies concerning the integration of multimedia and communications technologies in young researchers forming process*, Partners: Oradea University, Technological Education of Piraeus (Greece)
- 2010 **Director** - Grant “Domus Hungarica Scientiarum et Artium” Science Hungarian Academy from Budapest (Hungary) - *Genomic signals time-frequency analysis*.

National

- 2006 – 2008 **Director** - Grant CNCISIS A type 479 code – *Genomic signals time-frequency analysis*
- 2010 – 2013 **Local responsible** for University of Oradea - Project POSDRU/87/1.3/S/60891 – *University school for initial and continuous training of the teaching staff and trainers from the technical and engineering specialisations – Dida Tec*, Coordinator: Technical University of Cluj-Napoca.

Grants (member)

International

- 2011 – 2012 **Long term expert – Coordinator Geothermal power subproject** - Project HURO /0802/083_AF – Cross border reservoir research towards sustainable use of geothermal energy – REGENERG acronym – University of Oradea coordinator, University of Debrecen (Hungary) partner;
- 2012 – 2013 **Long term expert** - Project HURO/1001/194/2.2.2 – *Contributions to efficient use of renewable energies in Bihar and Hajdu-Bihar regions* – HUROTHERM acronym – University of Szeged (Hungary) coordinator, University of Oradea partner;
- 2007 – 2008 **Member** - Leonardo da Vinci LLP-LdV/07/RO/015 Contract - *Rich Internet Applications for Visual Memory based Learning*, Partners: University of Oradea, University of Reims (France);
- 2006 – 2007 **Member** – Leonardo da Vinci ISBN 978-973-759-176-0 Contract - *European Community Labour Market Study, Applications in Romanian Economical System*, Partners: University of Oradea, Technological Education of Piraeus (Greece).

National

- 2010 – 2013 **Long term expert – Responsible** for INTEGRAL TRANSFORMS AND WAVELETS **course** - Project POSDRU/86/1.2/S/61756, E 4863/28.06.2010 – *Analysis, modeling and simulation techniques for imagistics, bioinformatics and complex systems (ITEMS)*, Coordinator: Politehnica University of Bucharest

- 2019 – 2021 - POCU Project “*Entrepreneur for Future*” – Project code: 124167 (ANTREV) – University of Oradea – **Responsible for project implementation** in IETI Faculty;
- 2007 – 2008 **Member** - Grant CNCSIS A type 814/2007 code – *Theoretical and experimental researches concerning the solar power renewable sources efficiency growth integrated in alternating current network efficiency*;
- 2001 – 2003 **Member** - Grant CNCSIS A_r type 6/2001 code – *Microwave Technologies for Ceramics Processing*;
- 1996 **Member** – CNCSU Research Contract N0.5004-1996, 322 Theme, between Education Ministry and Telecommunications Department from the Timisoara Faculty of Electronics and Telecommunications – *Study of time-frequency and time-scale representations of the mono and bidimensional signals, with applications to the development of some multiresolution algorithms*;
- 1996 **Member** - CNCSU Research Contract No.5004-1996, 323 Theme, between Education Ministry and Telecommunications Department from the Timisoara Faculty of Electronics and Telecommunications - *Study about statistical mathematics morphological operators design by using hierarchies random processes, with applications in mono and bidimensional signals digital processing*.

- Job-related skills
- Graduation certificate of the specialization program Entrepreneurial skills, organized by Corporactive Consulting Oradea, [23.10.2019 – 07.11.2019];
 - Graduation certificate of the Trainer training program, organized by Corporactive Consulting Oradea [25.11.2019 – 18.12.2019].

Computer skills Windows, MSOffice, Matlab, Spice, Matematica

ADDITIONAL INFORMATION

- Teaching and Research Activities
- Books and chapters in specialty books in recognized publishers
 - international 1
 - national 8
 - 23 Didactical teaching support materials
 - 33 Articles in listed journals and in volumes of scientific events indexed ISI proceedings
 - 40 Articles in journals and volumes of scientific events indexed in other international databases
 - Quotations in books, journals, magazines and volumes of scientific events
 - ISI – 69
 - BDI – 85
 - Scientific referent – for 35 books, courses, teaching support materials with technical subjects

- Areas of interest
- multidimensional signal analysis/processing,
 - time/frequency nonstationary signal analysis/processing,
 - instantaneous frequency estimation/detection,
 - ridges extraction from signals time-frequency representations
 - multiresolution analysis,
 - wavelets.

- Memberships
- IEEE Senior Member: 1998 - present
 - IEEE "Signals Processing Society" Senior Member: 1998 - present
 - Founding member IEEE Romanian Signal's Chapter 2002.
 - AGIR-Romanian Engineers General Association Member: 2003 – present
 - AGIR Bihor County Vice-president: June 2005 - February 2009
 - Member Romanian Association of Electrical and Electronics Engineers 2008-present

- Participations
- 1994 *Education International Exhibition in Barcelona*, Spain - University of Oradea delegation member
 - 2002 *Education International Exhibition in Barcelona*, Spain – University of Oradea delegation member
 - 2002 *Higher Education Exhibition in the Balkans*, Piraeus – Greece – University of Oradea delegation member
 - 2003 *International Conference - Nonconventional energetical sources for the communities from the islands of the Western Mediterranean* financed by Athens MedPOWER - Greece, 2003 – University of Oradea delegation member

Member of editorial boards or scientific committees of journals, organizer of international scientific events

- ISI indexed conferences

- 13th, 14th, 15th, 16th International Conference on Engineering of Modern Electric Systems (EMES 2015, 2017, 2019, 2021), ISBN 978-1-4799-7650-8, Oradea, România, June 2015, 2017, 2019, 2021 -

Conference Session Chair, Electronics and Telecommunications Session

- 13th, 14th, 15th, 16th International Conference on Engineering of Modern Electric Systems (EMES 2015, 2017, 2019, 2021), ISBN 978-1-4799-7650-8, Oradea, România, June 2015, 2017, 2019, 2021 -

Member-Organizing Committee

- **Co-chair** SIITME 2015 Brasov, Human Resource Education and Training Committee

- **Conference Chair** - SIITME 2016 International Symposium 20-23.10.2016 Oradea

- SIITME 2016 Oradea, Human Resource Education and Training Committee **Co-chair**

- **Member** – Program Technical International Committee – ISETC Timișoara 2016, 2018, 2020

- BDI indexed journals

- **Executive Editor** - "Journal of Electrical and Electronics Engineering JEEE" Oradea 2013, 2014, 2015, 2016 (vol.1) ISSN 1844-6035

- **Associate Editor** "Journal of Electrical and Electronics Engineering JEEE" Oradea 2016 (vol.2)-2022

- **Member** - Editorial Board „Journal of Electrical and Electronics Engineering JEEE” Oradea 2008, 2009, 2010, 2011, 2012, ISSN 1844-6043

- **Member** – Editorial Board „Journal of Computer Science and Control Systems”, Oradea 2008, 2009, 2010, 2011, ISSN 1844-6043

- BDI indexed conferences

- **Member** – Program Technical International Committee – ISETC Timișoara 2010, 2012, 2014

- National journals – non – indexed – member of the editorial board

- University of Oradea Annals, Electrotechnics Fascicule, Electronics Section 2000-2007, ISSN 1454-9239 (2007 C indexed by CNCSIS)

- University of Oradea Annals, Electrotechnics Fascicule, Electrical Engineering Section 2000-2007, ISSN 1223-2106 (2007 B+ indexed by CNCSIS)

- University of Oradea Annals, Electrotechnics Fascicule, Computer Science and Control Systems 2000-2007, ISSN 1844-6043 (2007 B+ indexed by CNCSIS)

- University of Oradea Annals - Tehnical, Economic and Administration College from Oradea Fascicule, 2001-2005 , ISSN 1582-7186

- National and International Conferences - non - indexed

- **Co-chairman** ICADET Oradea International Conference 2010, 2012, 2014 – Session of Electronics and Telecommunications

- **Member** – organizing committees – International Conferences EMES 2001, EMES 2003, EMES 2005, EMES 2007, EMES 2009, EMES 2011 - Oradea

- **Co-chairman** Oradea International Conference 2013 ICMES – Electronics and Telecommunications Session

- **Member** – organizing committees - RSEE International Conferences - Oradea 2000 - 2008

- **Member** - International Scientific Committee ISETC 2006, 2008 Timisoara

- **Member** – Program Technical Committee „9th RoEduNet International Conference” iunie 2010

- **Member** - Program International Committee “14th International Conference on System Theory and Control” SINTES 14”, Craiova

- Student Scientific Events

- **Member** - Steering Committee – Student National Contest TIE (Technologies for Interconnection in Electronics) 2013 (Brașov), 2014 (Timișoara), 2015 (Oradea), 2016 (Suceava)

- **Member**-IETI Faculty Organizing Committee“Annual Student Scientific Session”,2011-2016Oradea

- **Chairperson** – Student National Contest TIE 2015 (Technologies for Interconnection in Electronics), Oradea Local Organizing Committee

- Reviewer for the following BDI journals:

• 2008-present Journal of Electrical and Electronics Engineering Oradea, ISSN 1844-6035

• 2008-2011 Journal of Computer Science and Control Systems, Oradea, ISSN 1844-6043

- Scientific reviewer of the following conferences

• 2004-2006 RSEE International Conference – Electronics Session, University of Oradea

• 1997, 2005-2013 EMES International Conference – Electronics Session, University of Oradea

• 2012, 2014 ICADET International Conference – Electronics and Telecommunications, Oradea

• 2015 IC EMES 2015 International Conference–Electronics and Telecommunications, Oradea

• 2010 9th International Conference RoEduNet, University of Sibiu

• 2010 SINTES 14 International Conference, University of Craiova

• 2010 - 2020 IEEE International Symposium on Electronics and Telecommunications, Timisoara

• 2006, 2008 International Symposium on Electronics and Telecommunications, Timisoara

Oradea,
20.11.2022

CORNELIA EMILIA GORDAN