

Curriculum vitae

Name: Belega

First name: Daniel-Cornel

Date and place of birth: December 9, 1969, Timișoara, Romania

Nationality: Romanian

a) Education

- **Ph.D. degree** in Electronics and Telecommunications, with *cum laude*, from "Politehnica" University of Timișoara, Romania, in 2001
- **Master degree** in Electrical Measurements, from "Politehnica" University of Timișoara, Romania, in 1995; final grade of 10 and diploma grade of 10 (on the 1-10 scale with 1 the minimum and 10 the maximum)
- **Engineer degree** in Electronics and Telecommunications, from "Politehnica" University of Timișoara, Romania, in 1994; final grade after five years of study of 9.24 and diploma grade of 10

b) Professional experience:

- 2006- : Associate Professor with the Department of Measurements and Optical Electronics, Faculty of Electronics and Telecommunications, "Politehnica" University of Timișoara, Romania
 - 2001-2006: Lecturer with the Department of Measurements and Optical Electronics, Faculty of Electronics and Telecommunications, "Politehnica" University of Timișoara, Romania
 - 1995-2001: Assistant Lecturer with the Department of Measurements and Optical Electronics, Faculty of Electronics and Telecommunications, "Politehnica" University of Timișoara, Romania
- Courses for license and master students on *Electrical and Electronic Measurements, Measurement Techniques, Sensors, and Transducers, Digital Signal Processors and Acquisition Systems, Digital Signal Processors, Analog Integrated Circuits, and Biosensors.*

c) Publications:

- Author or co-author of six books issued by national publisher
- Co-author of a chapter in a book issued by an international publisher (in English)
- Author of more than 70 scientific papers as first author; among these papers 18 are published in prestigious ISI foreign journals

d) Grants:

- Director of the grant type AT, Theme no. 1, Cod CNCSIS 19, 2004, 4.000 RON
Name of the grant: *Dynamic Testing of Analog-to-Digital Converters in Multi-Tone Mode*
- Director of the grant type A, Cod CNCSIS 340, 2006, 7.200 RON
Name of the grant: *Dynamic Characterization and Modeling of Analog-to-Digital Converters Used in High Speed Data Communications*
- Director of the grant type A, Cod CNCSIS 350, 2007, 30.000 RON
Name of the grant: *New Methods for Dynamic Characterization of High Resolution Analog-to-Digital Converters*

e) Prizes:

• **International prizes:**

Best Reviewer Recognition - Recognition as one of IEEE Transactions on Instrumentation and Measurement “*Outstanding Reviewers of 2012*”

Best Reviewer Recognition - Recognition as one of IEEE Transactions on Instrumentation and Measurement “*Outstanding Reviewers of 2009*”

• **National prizes:**

Award for Research Results, Romanian National Research Council (CNCS), for 11 scientific papers

f) Mobility:

• 1997 (6 months) Laboratory LESIR, ENS Cachan, France, research in mobile autonomous robots; finalized with a research rapport (financed by the French government)

• 1998 (1 month) Laboratory IMS, University of Bordeaux, France, research in analog-to-digital converter testing (Tempus mobility grant)

g) Expertise:

• Reviewer for the following ISI foreign journals: IEEE Transactions on Instrumentation and Measurement (from 2008), IET Science, Measurement & Technology (from 2009), Measurement (from 2011), Digital Signal Processing (from 2011), IEEE Transactions on Power Delivery (from 2013), IET Signal Processing (from 2013).

Number of reviews performed for these journals: 73.

• Expert evaluator for Romanian National Research Council (CNCS) (from 2011)

• Member in the International Program Committee of the IEEE Workshop on Environmental, Energy, and Structural Monitoring Systems (EESMS), Trento, Italy, 2013, and the IEEE Nordic Mediterranean Workshop on Time to Digital Converters (NoMe TDC), 2013, Perugia, Italy

h) Administration:

• Member in the Council of the Department of Measurements and Optical Electronics within the Faculty of Electronics and Telecommunications, “Politehnica” University of Timișoara, from 2012

• Member in the Council of Faculty of Electronics and Telecommunications, “Politehnica” University of Timișoara, from 2012

• Member in the Organizing Committee of the International Symposium on Electronics and Telecommunications (ISETC), Timișoara, 2010

i) Foreign languages:

• English: abilities in reading, speaking, writing

• French: abilities in reading, speaking, writing

j) Web page: <http://www.meo.etc.upt.ro/belega.html>