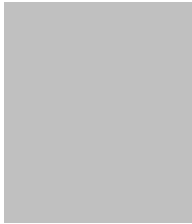


PERSONAL INFORMATION

Cristian Lucian Stanciu



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Sex Male | Date of birth 03/02/1986 | Nationality Romanian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Replace with job applied for / position / preferred job / studies applied for (delete non relevant headings in left column)

WORK EXPERIENCE

March 2011 - October 2014

Teaching Assistant

Politehnica University of Bucharest; Faculty of Electronics, Telecommunications and Information Technology; Iuliu Maniu, 061071 Bucharest (Romania)

- Teaching, research

Education

October 2014 - Present

Lecturer

Politehnica University of Bucharest; Faculty of Electronics, Telecommunications and Information Technology; Iuliu Maniu, 061071 Bucharest (Romania)

- Teaching, research

Education

EDUCATION AND TRAINING

2011 - 2014

PhD. – Algorithms and Implementation Solutions for Acoustic Echo Cancellation in Stereo Systems

Politehnica University of Bucharest; Faculty of Electronics, Telecommunications and Information Technology; Iuliu Maniu, 061071 Bucharest (Romania)

- Telecommunications, signal processing, adaptive algorithms, hardware implementations.

Sept. 2012 – Dec. 2012

Phd. Stage – Analysis of Acoustic Signals (Parameter Computation using FPGA Devices)

GIPSA-LAB (INP Grenoble) – Grenoble, France

- Signal processing, FPGA Programming.

2009 - 2011

Masters: Digital Signal Processing in Communications

Politehnica University of Bucharest; Faculty of Electronics, Telecommunications and Information Technology; Iuliu Maniu, 061071 Bucharest (Romania)

- Telecommunications, signal processing, hardware implementations.

- 2010 **CCNA 2 – Routing Protocols and Concepts; CCNA 3 – LAN Switching and Wireless**
InfoAcademy (Logofăt Tăutu, 031212, Bucharest, Romania)
▪ Networking: Routing, Switching, Wireless.
- 2005 - 2009 **Telecommunications Engineer**
Politehnica University of Bucharest; Faculty of Electronics, Telecommunications and Information Technology; Iuliu Maniu, 061071 Bucharest (Romania)
▪ Telecommunications, signal processing.
- 2008 **CCNA 1 – Network Fundamentals**
InfoAcademy (Logofăt Tăutu, 031212, Bucharest, Romania)
▪ Networking.
- 2001 - 2005 **High School Diploma**
Tudor Vianu National College (High School), Arhitect Ion Mincu (Bucharest, Romania)
▪ Programming, mathematics, physics.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B2	B2	B2	A2
Spanish	B1	A2	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills** ▪ Presentations skills: efficient/concise speech, natural tone, good visual aids usage, relaxed but alert: acquired at conference and project presentations.
- Organisational / managerial skills** ▪ The continuous development of human and professional relationships in a team, selective mobilization, the stimulation of professional qualities: acquired in research and teaching activities.
- Job-related skills** ▪ Telecommunications, adaptive algorithms, hardware implementations.
- Computer skills** ▪ Matlab, Vhdl, Modelsim, C/C++, Java.
▪ Microsoft Office (Word, Excel, Power Point)
- Other skills** ▪ Fast assimilation of new technical skills.
▪ Ability to analyse and synthesise; teamwork.
- Driving licence** ▪ B

Publications

- L. Stanciu, **C. Stanciu**, "Digital Audio Equalizers with Flat Frequency Response", in **Proc. ISSCS 2009**, vol. 1, pp. 61-64, Iași, Romania.
- L. Stanciu, **C. Stanciu**, "Apodizing Filters for Digital Audio Equalizers", in **Proc. ISETC 2010**, October, 22-23, 2010, pp.327-332, Timișoara, Romania.
- L. Stanciu, **C. Stanciu**, "Complete Computer Program for Audio Restoration", in **Proc. COMM 2010 vol. 1**, 2010, Bucharest, Romania, pp. 61-64.
- **C. Stanciu**, C. Anghel, C. Paleologu, J. Benesty, F. Albu, and S. Ciochină, "A Proportionate Affine Projection Algorithm Using Dichotomous Coordinate Descent Iterations", in **Proc. ISSCS 2011**, June 30 – July 1, Iași, Romania, pp. 343-346.
- L. Stanciu, C. Stanciu, "Spline Windows for Power Spectral Density Estimation", in **Proc. ISSCS 2011**, June 30 – July 1, Iași, Romania, pp. 435-438.
- **C. Stanciu**, C. Anghel, C. Paleologu, J. Benesty, F. Albu, and S. Ciochină, "FPGA Implementation of an Efficient Proportionate Affine Projection Algorithm for Echo Cancellation", in **Proc. EUSIPCO 2011**, August 29 – September 2, Barcelona, Spain, pp. 1284-1288.
- **C. Stanciu**, J. Benesty, C. Paleologu, T. Gänslar, and S. Ciochină, "A novel perspective on stereophonic acoustic echo cancellation," in **Proc. IEEE ICASSP**, 2012, pp.25–28.
- L. Stanciu, **C. Stanciu**, "Optimum Digital Audio Equalizers with Flat Frequency Response", in **Proc. COMM 2012**, June 30 – July 1, Bucharest, Romania.
- C. Anghel, V. Stanciu, **C. Stanciu**, C. Paleologu, "CTC Turbo Decoding Architecture for LTE Systems Implemented on FPGA", in **Proc. IARIA ICN 2012**, Reunion, France.
- **C. Stanciu**, C. Paleologu, J. Benesty, T. Gänslar, and S. Ciochină, "An efficient RLS algorithm for stereophonic acoustic echo cancellation with the widely linear model", in **Proc. Internoise**, 2012, 12 p.
- **C. Stanciu**, C. Paleologu, J. Benesty, S. Ciochină, and F. Albu, "Variable Forgetting-Factor RLS for Stereophonic Acoustic Echo Cancellation with Widely Linear Model", in **Proc. EUSIPCO 2012**, August 27 – 31, Bucharest, Romania.
- L. Stanciu and **C. Stanciu**, "B-Spline Digital Audio Equalizers with Arbitrary Magnitude Specifications", in **Proc. ISETC 2012**, November 15-16, Timișoara, Romania, pp. 251-254.
- **C. Stanciu**, J. Benesty, C. Paleologu, T. Gänslar, and S. Ciochină, "A widely linear model for stereophonic acoustic echo cancellation," **Signal Processing**, vol. 93, pp. 511–516, Feb. 2013.
- M. Rotaru, **C. Stanciu**, S. Ciochină, F. Albu, and H. Coandă, "FPGA Implementation of Prediction Error for Active Feedback Cancellation using Xilinx System Generator", in **Proc. ADAPTIVE 2013**, Valencia, Spain, pp. 26-29.
- L. Stanciu and **C. Stanciu**, "Grouped B-Spline Windows for Power Spectral Density Estimation", in **Proc. ISSCS 2013**, July 10-12, Iasi, Romania.
- L. Stanciu, V. Stanciu, and **C. Stanciu**, "B-Spline Approach for the Design of Quadrature Mirror Filters", in **Proc. ISSCS 2013**, July 10-12, Iasi, Romania.
- **C. Stanciu** and S. Ciochină, "A robust dual-path DCD-RLS algorithm for stereophonic acoustic echo cancellation", in **Proc. ISSCS 2013**, July 10-12, Iasi, Romania.
- **C. Stanciu**, C. Paleologu, J. Benesty, and S. Ciochină, "On a Robust Dual-Path DCD-RLS Algorithm for Stereophonic Acoustic Echo Cancellation", **Scientific Bulletin of Politehnica University of Timișoara**, Tom 57(71), Fascicola 1-2, 2013.
- O.L. Șandru, A. Șandru, Victor Vlădăreanu, **C.L. Stanciu**, and C. Stamin, "Genetic Algorithm for the Learning Automata", **SISOM (The Annual Symposium of the Institute of Solid Mechanics)**, May 21-22, Bucharest, Romania.
- **C. Stanciu**, C. Anghel, "Numerical Properties of the DCD-RLS Algorithm for Stereophonic Acoustic Echo Cancellation", in **Proc. COMM 2014**, May 29 – 31, Bucharest, Romania, pp. 65-68.
- L. Stanciu, **C. Stanciu**, V. Stanciu, "Spline Polynomial Approach for the Design of Quadrature Mirror Filters", in **Proc. COMM 2014**, May 29 – 31, Bucharest, Romania, pp 73-76.
- A. Rusu, C. Voicu, **C. Stanciu**, "Contributions on the Filtering of Continuous Wave Interferences in CDMA Communications Systems", in **Proc. ISETC 2014**, November 14-15, Timișoara, Romania, pp.179-182.
- **C. Stanciu**, L. Stanciu, V. Stanciu, "FPGA Implementation for Power Spectral Estimation Using Grouped B-Spline Windows", in **Proc. ISETC 2014**, November 14-15, Timișoara, Romania, pp. 253-256.
- L. Stanciu, **C. Stanciu**, V. Stanciu, "Optimal Grouped B-Spline Windows for Power Spectral Density Estimation", in **Proc. ISETC 2014**, November 14-15, Timișoara, Romania, pp. 333-336.