

Gleb V. Tcheslavski
P.O. Box 10029, Beaumont, TX, 77710-0029
409-880-7622
gleb@lamar.edu

EDUCATION

Virginia Tech, Blacksburg, VA

Ph.D. in Electrical Engineering

Dissertation: "Coherence and Phase Synchrony Analysis of Electro-encephalogram (EEG)"
Area: Digital Signal Processing

[2001-
2005]

Bauman Moscow State Technical University, Moscow, Russia

Engineer-Developer (BS+MS equivalent) in Electrical/Electronic Engineering

Thesis 2: "Development and Simulation of Millimeter Band Radar with Long Sounding Signals"

Area: Radar Applications

[1990-
1997]

Thesis 1: "Development and Implementation of a Wireless Computer Network Link"

Area: Networking Hardware Development

ACADEMIC AWARDS

- Postdoctoral Fellowship, University of Houston

[2006 –
2007]

- President's Graduate Scholarship, Russia, BMSTU

[1996 –
1997]

TEACHING EXPERIENCE

Lamar University, Beaumont, TX

Associate Professor

Developed syllabi, overall courses structure, and administered all grades.

[2014 –
present]

Lamar University, Beaumont, TX

Assistant Professor

Developed syllabi, overall course structure, and administered all grades.

[2008 –
2014]

Lamar University, Beaumont, TX

Visiting Assistant Professor

Developed syllabus and overall course structure, and administered all grades.

[2007 –
2008]

Virginia Tech, Blacksburg, VA

Graduate Teaching Assistant – Physics PHYS 2215, PHYS 2216, PHYS 2306

Conducted laboratory exercise in Introductory Physics, graded assignments, held office hours, administered recitation sessions

[2002 –
2005]

Bauman Moscow State Technical University, Moscow, Russia

Teaching Assistant

Assisted in conducting laboratory exercises in Introductory Radio-electronics

[1997 –
1999]

SIGNIFICANT PROFESSIONAL PUBLICATIONS

L. Porter, **G.V. Tcheslavski**, 2013, "Using Photoplethysmography for blood pressure estimation with telemedicine application" *International Journal of Engineering Research and Technology* 2(11), 2202-2205

R. Guntaka, **G.V. Tcheslavski**, 2013, "On the EEG-based automated detection of alcohol dependence", *International Journal of Bioautomation*, 17(3), 167-176

F.F. Gonnen, **G.V. Tcheslavski**, 2012, "Techniques to assess Stationarity and Gaussianity of EEG: an overview", *International Journal of Bioautomation*, 16(2), 135-142

G.V. Tcheslavski, F.F. Gonnen, 2012, "Alcoholism-related alterations in spectrum, coherence, and phase synchrony of topical electroencephalogram", *Computers in Biology and Medicine*, 42, 394-401

G.V. Tcheslavski, A.A. (Louis) Beex, 2010, "Effects of smoking, schizotypy, and eyes open/closed conditions on the γ rhythm phase synchrony of the electroencephalogram", *Biomedical Signal Processing and Control*, 5, 164-173

J. Prigmore, **G. Tcheslavski**, C. Bahrim, 2010, "An IGCT-Based Electronic Circuit Breaker Design for a 12.47kV Distribution System", *IEEE PES General Meeting*, July 2010

G.V. Tcheslavski, 2008, "Effects of tobacco smoking and schizotypal personality on spectral contents of spontaneous EEG", *International Journal of Psychophysiology*, 70, 88-93

G.V. Tcheslavski, A.A. (Louis) Beex, 2006, "Phase synchrony and coherence analyses of EEG as tools to discriminate between children with and without attention deficit disorders", *Biomedical Signal Processing and Control*, 1, 2006, 151-161

G.V. Tcheslavski, A.A. (Louis) Beex, 2005, "Properties and parameter selection for phase synchrony processing of EEG signals," *Proceedings of the Second IASTED International Multi-Conference Signal and Image Processing (ACIT-SIP)*, June 20-24, 2005, Novosibirsk, Russia, 164-169

B.A. Rozanov, **G.V. Tcheslavski**, 1999, "Two-step Algorithm of Detection and Estimation In Radar Station With Long Sounding Signals," *BMSTU Herald*, series "Design of Devices", #4. (In Russian)

G.V. Tcheslavski, 1999, "Millimeter Band Radar Station with Long Sounding Signals," 4th International Conference of Students on Fundamental Sciences "Lomonosov' 99". Moscow State University, April 20-23. (In Russian)

B.A. Rozanov, **G.V. Tcheslavski**, 1998, "On Energy Potential of Millimeter-Wave Radar" *MSMW'98 Symposium Proceedings*. Kharkov, Ukraine, September 15-17. (In English)

- B.A. Rozanov, **G.V. Tcheslavski**, 1997, "Signal Processing in Radar Station with Quasi-continuous Emission" *BMSTU Herald*, series "Design of devices" #4. (In Russian)
