

Curriculum Vitae

Name Michael S. Gaidukov
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Citizenship Russia

PROFESSIONAL EXPERIENCE

Period *Since January 2018*
Job Title **Technician**
Bureau/Institute **Peter the Great St.Petersburg Polytechnic University, High School of Applied Physics and Space Technologies**
Tasks & Skills Resolving technical issues (Development of system models, switch-capacitor circuits analysis, development of the analog circuits schematics and layout, development ASICs for micromechanical sensors)

EDUCATION AND TRAINING

Period *September 2014 – to the present*
Institution **Peter the Great St.Petersburg Polytechnic University, High School of Applied Physics and Space Technologies**
Grade/Course Bachelor of Technics and technology (2018), 1st course student of master program in Microelectronics in Infocommunication Systems

PUBLICATIONS

- 2018 M.Gaidukov, A.Sidun, I.Piatak, Y.Belyaev «Design of the Ring Amplifier for Low_power ADC», IEEE EExPolytech-2018: Electrical Engineering and Photonics
M.Gaidukov, N.Nevirkovets, Y.Belyaev « The architecture and implementation of the integrated circuit of a micromechanical accelerometer», 20th Anniversary Conference of Young Scientists, 20 - 23 March 2018
M.Gaidukov, I.Piatak «Analysis of SC integrator for Delta-Sigma ADCs based on CMOS inverters», 20th Anniversary Conference of Young Scientists, 20 - 23 March 2018
2017 M. Gaidukov, I. Piatak «Analysis of the switched-capacitor integrator for delta-sigma ADC», Digest of reports from conference «Science Week-2017». Digest of reports from conference «Science Week-2017»

LANGUAGES

Mother Tongue Russian
Languages English (B2)

OTHER QUALIFICATIONS

Computer Knowledge Cadence Virtuoso, MATLAB/Simulink, Micro-Cap, Windows/Linux/MS Office
Driving Licence None

MISC.

Memberships None