



Name	Maksym Tsekhovskiy
Position, Department/Faculty	Associate professor of the Department of Intelligent Measurement Systems and Quality Engineering
Academic Degree, Academic Title	Candidate of technical sciences Associate Professor Senior Researcher Fellow
Email:	m.tsekhovskiy@khai.edu
Scopus Author ID:	56084449900
ORCID ID:	0000-0002-6573-7631
Google Scholar:	https://scholar.google.com/citations?hl=uk&view_op=list_works&gmla=AH8HC4z8fY02c5p0gvyBTyaKs06yPoVviba_rKSP3c-taghxmmNMUonDm7KL-UBLcmmqcm3D-Pi6AukRAVVZz89nazmAPJ8U4asrHHKE-qf7l8HdPomZ4ixSw&user=a5POylcAAAAJ

EDUCATION:

Basic education (university, major, year of graduation):

Research Engineer in Information and Measurement Systems
National Aerospace University "Kharkiv Aviation Institute" [01.09.1998 – 11.07.2003]

Postgraduate/Doctoral studies:

Associate professor
Ministry of Education and Science, Youth and Sports of Ukraine [25.01.2013]

Senior Researcher Fellow
Supreme Certifying Commission of Ukraine [10.03.2010]

Candidate of technical sciences
Supreme Certifying Commission of Ukraine [12.03.2008]

Additional training, certification programs:

«Team management» Center for Business Skills Development, 13-14 July 2017, Moscow;
«Prince2», LEO Consulting, 8-9 June 2017, Kharkov;
«Effective cooperation of a team», Center for Business Skills Development, 17-18 October 2016, Moscow;
«Rules of the game», 12-13 September 2016, Moscow;
«Project management overview class», TenStep Academy, 23 July 2013, Kharkov.

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Associate professor of the Department of Intelligent Measurement Systems and Quality



Engineering, National Aerospace University "Kharkiv Aviation Institute" [01.08.2006 – Current]
research activity, work in project teams, teaching (course «Electronic and microprocessor technology», «Microprocessors in information-measuring systems»)

PHP Laravel developer in "ArtiLab" (<https://artilab.pro>), Kyiv [01.01.2021 – 01.10.2022]
e-commerce projects design, databases design, REST-API design, development of high-load applications

PHP developer in "ResqDev" (<https://resqdev.com>), Kharkiv [01.05.2020 – 01.12.2020]
codeigniter projects support, databases design

Project manager, team leader of "OWEN" LLC, 3a Shironintsiv str., Kharkiv [01.04.2013 – 01.02.2021]
designing, manufacturing and service support of measuring devices and software development

Deputy of Technical Director of Research and Production Enterprise KHARTRON-ENERGO, 1 Academic Proskura st., Kharkiv [01.04.2013 – 01.02.2021]
conformity of production requirements to the quality management system ensuring, innovative technologies introduction in manufacturing processes

Teaching Experience:

Teacher of the Department of Intelligent Measurement Systems and Quality Engineering
[01.09.2006 – Current]
teaching courses: «Electronic and microprocessor technology», «Microprocessors in information-measuring systems»

RESEARCH ACTIVITIES:

Main Research Areas:

Research and design of intelligent pressure sensors
Design and development of server software

Number of Publications (Scopus, WoS, others):

Over 100 scientific publications and patents, including indexed articles in Scopus and Web of Science databases

Monographs, Textbooks:

Co-author of three textbooks on design, research, and planning of experiments in the field of information-measuring systems engineering, approved by the Ministry of Education of Ukraine

Participation in Scientific Conferences:

Regular participant and speaker at international and national scientific conferences on information-measuring systems



TEACHING ACTIVITIES:

Courses Taught:

«Electronic and microprocessor technology», «Microprocessors in information-measuring systems»

Author Courses, Academic Programs:

Author of the course «Electronic and microprocessor technology», «Microprocessors in information-measuring systems»

Methodological Materials, Textbooks:

Co-author of textbooks in the field of information-measuring systems

GRANTS AND PROJECTS:

Participation in International and National Projects:

Presidents Grant to young scientist's research supports (Presidential Decree № 592/2011 on 20 May 2011)

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Distinctions, Awards, Prizes:

Winner of regional contest «Best Young Scientist of Kharkov region» in «Electrical Engineering and Energy» (Chairman of Kharkiv Regional State Administration decision on May 18, 2009)

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

Zabolotnyi O.V. Doslidzhennya vikhorostrumovikh vimiryuvachiv tovshchini dielektrichnikh pokrittiv na metalevikh poverkhnyakh virobiv / Zabolotnyi O.V., Tsekhovskiy M.V., Koshova I.I. // YII Mizhnarodna naukovo-tekhnichna konferenciya «Metrologiya, informacijno-vimiryuval'ni tekhnologii ta sisteml» (MIVTS-2020. Tezi dopovidej. 18-19 zhovtnya 2020. Kharkiv, 2020. – S.65-66.

Zabolotnyi O.V. Doslidzhennya i optimizaciya vikhorostrumovogo vimiryuvacha tovshchini dialektrichnikh pokrittiv na metalevikh poverkhnyakh virobiv / Zabolotnyi O.V., Tsekhovskiy M.V., Kostenko O.M., Koshova I.I. // Ukraïns'kij metrologichnij zhurnal, Kharkiv, 2020. – N2. – S.33-39.

A. Zabolotnyi, I. Koshevaya, E. Kostenko, T. Rozhnova, M. Tsekhovskoi, A. Bekirov, "Methods and Devices for Angular measurement Movement", 2020 XXX International scientific symposium "Metrology and Metrology Assurance (MMA)". Sozopol, Bulgaria, 2020, pp.1-4, doi:10.1109/MMA49863.2020.9254257 (Scopus).

A. Zabolotnyi, M. Tsekhovskoi, E. Kostenko, T. Rozhnova, A. Beliaieva, A. Bekirov, "Development, research and optimization of contactless DS meters", 2020 XXX International scientific symposium "Metrology and Metrology Assurance (MMA)". Sozopol, Bulgaria, 2020, pp.1-4, doi:10.1109/MMA49863.2020.9254257 (Scopus).

O. Burlieiev, T. Rozhnova, M. Tsekhovskiy, V. Siroklyn, A. Malkova, "Modeling and Optimization of Potential Receivers Positioning for Computer Control and Control Systems Angular Displacement measuring", 2021 XXXI International scientific symposium "Metrology and Metrology Assurance (MMA)". Sozopol, Bulgaria, 2021, pp.1-4, doi:10.1109/MMA52675.2021.9610924 (Scopus).

N. Koshevoy, T. Rozhnova, O. Kostenko, V. Siroklyn, M. Tsekhovskoi and O. Potylchak, "De-



ices for Measuring Temperature in Industrial Conditions", 2023 XXXIII International Scientific Symposium Metrology and Metrology Assurance (MMA), Sozopol, Bulgaria, 2023, pp. 1-5, doi: 10.1109/MMA59144.2023.10317904 (Scopus).

Books, Chapters in Collective Monographs:

Zabolotnyi O.V., Koshovyi M.D., Knysh V.O., Tsekhovskiy M.V. Optimal'ne planuvannya eksperimentu pri doslidzhenni tekhnologichnikh procesiv, priladiv i sistem (Grif MON Ukraini). Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2010. – 161 s.

Zabolotnyi O. V., Koshovyi M. D., Knysh V. O., Tsekhovskiy M.V. Osnovi standartizacii (Grif MON Ukraini). Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2010. – 304 s.

Zabolotnyi O. V., Koshovyi M. D., Knysh V. O., Tsekhovskiy M.V. Osnovi konstruyuvannya zasobiv vimiryuval'noi tekhniki (Grif MON Ukraïni). Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2010. – 234 s.

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian, German

IT Skills:

Programming languages: PHP, C

Database systems: MySQL, postgresql

Knowledges: OOP, SOLID, docker, redis, swagger, aws integration

Development tools: PHPStorm, Sublime Text

Additional technologies: entity relationship diagrams design

Version control systems: Git, SVN

Task tracking system: Redmine, Jira

Operating systems: Linux, Windows

Frameworks: Laravel, Laminas, Symfony

Social and Community Activities:

Deputy Dean of Academic Affairs [01.10.2006 – 01.10.2021]

