

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Andriy Shatyrko

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Personal Profile

<http://csc.knu.ua/uk/person/shatyrko>
<http://mss.unicyb.kiev.ua/index.php?p=staff&staff=335&lang>
<https://pst.knu.ua/teachers>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=16431535400>

ORCID

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Web of Science

[Researcher ID J-9439-2017](#)

ResearchGate

https://www.researchgate.net/profile/Andrei_Shatyrko

Google Scholar

https://scholar.google.com/citations?hl=ru&user=J7_qXNEAAAAJ

Nationality

Ukraine

Date of birth

May 26th 1964

Gender

Male

Work experience

Dates
Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector

2022 – present: Professor of Department Program System and Technology, Faculty of Information Technology, Taras Shevchenko National University of Kyiv (half full-time)

2012 – present: Associate Professor of Department of Modeling Complex System, Faculty of Computer Science and Cybernetics, Taras Shevchenko National University of Kyiv (full-time)

2009 – 2012: Senior Scientific Collaborator of the laboratory "Modeling and Optimization", Faculty of Cybernetic, Taras Shevchenko National University of Kyiv

2006 – 2012: Docent (Lecturer) of Department "Complex System Simulation", Faculty of Cybernetic, Taras Shevchenko National University of Kyiv

2001 – 2009: Scientific Collaborator and Senior Scientific Collaborator of laboratory “Modeling and Optimization”, Faculty of Cybernetic, Taras Shevchenko National University of Kyiv

1996 – 2001: Scientific Consultant, Commercial Director, General Director of Ukrainian-British Joint Venture “Green Ray, Ltd”

1991 – 1995: Professor Assistant, Mechanical-Mathematical Faculty, Taras Shevchenko National University of Kyiv

1986 – 1988: Younger Scientific Collaborator of laboratory “Modeling and Optimization”, Faculty of Cybernetic, Taras Shevchenko National University of Kyiv

Education and training

Dates
Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organisation providing education and training
Level in national or international classification

2021 – Diploma of Doctor of Science (Phys.&Math. Sc.) Ministry of Education and Science of Ukraine

2012 - Certificate of Docent of Department of Complex System Modeling, Faculty of Cybernetic. Certification Commission Ministry of Education and Science of Ukraine

1992 - Diploma of Candidate of Physical-Mathematical Science (Ph.D. in Math.). Supreme Certification Commission of the USSR. High Education Ministry

1988 – 1991: full-time Ph.D.-student, Kyiv State University, Faculty of Cybernetic.

1981 – 1986 : full-time student, Kiev State University, Faculty of Cybernetic

Personal skills and competences

Mother tongue(s)

Ukrainian

Other language(s)

1. English
2. German
3. Czech

Self-assessment

European level (*)

Language1

Language2

Language3

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
1	B2	1	B2	1	B2	1	B2	1	B2
2	A1	2	A1	2		2		2	
3	A1	3	A1	3	A1	3		3	

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

Conference Service

Vice-Head of Organizing Committee of the International Scientific Conference “Dynamical System Modeling and Stability Investigation (DSMSI)”, Kyiv, Ukraine (20 conferences were in 1991-2024)

Local organizer of Fall-2017 School on Applied Mathematics and Statistics by Konstanz University (Germany) in Taras Shevchenko National University of Kyiv (Ukraine), November 2017

Referee Service

Springer Open-Source Journal “Advances in Difference Equations” and others.

International research collaborations

1997 – present: Technical University of Brno, Brno, Czech Republic (prof. Josef Diblík, prof. Jaromír Bashtinec, prof. Bedřich Puza)

Technical skills and competences	Research interests Qualitative analysis, stability, control, optimization of complex dynamical systems, which described in terms of nonlinear differential, difference and functional-differential equations with time-delay argument and neutral type under uncertainty conditions 4 monographs and 180 articles (include conferences abstracts) were published. 9 text-book were written and published. Teaching Lectures: Differential Equations. Bachelor. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv. Control Systems Design, Bachelor. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv Dynamical Systems Control, Bachelor. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv Introduction to Control Theory. Bachelor. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv. Digital Signal Processing. MSc. Faculty of Information Technology, Taras Shevchenko National University of Kyiv. Big Data Introduction, MSc. Faculty of Information Technology, Taras Shevchenko National University of Kyiv. Introduction to Artificial Intelligence. MSc. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv. Dynamical Systems Modelling. MSc. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv. Dynamical Systems with Deviating Arguments. MSc. Faculty of Computer Science and Cybernetic, Taras Shevchenko National University of Kyiv.
Other skills and competences	Affiliations Member of SIAM (Society of Industrial and Applied Mathematics, USA) from 2011. Member number: 001081466 Fellowships and grants October 2024 Visiting Senior Fellow Department of Informatics Faculty of Business Management Brno University of Technology, Brno, Czech Republic April 2024 – May 2024 : online course "Software engineering and Applied Artificial Intelligence" at the Faculty of Information Sciences of the University of Library Studies and Information Technologies, Sofia, Bulgaria. 6 ECTS November 2023 – December 2023 : International postgraduates practical internship (online) organized by university Collegium Civitas, Warsaw, Poland. 6 ECTS, 180 h. CERTIFICATE #5/23, 01/12/2023 February 2023 – May 2023 : Practical internship (online): project "Prof2IT" of NGO Kharkiv IT Cluster with participation of Grid Dynamics IT company in the field of study: INTRODUCTION TO PYTHON PROGRAMMING FOR BIG DATA AND DATA SCIENCE. (Course load: 180 hours / 6 ECTS credits, from February 7, 2023 to May 7, 2023, CERTIFICATE № ПК-299, 07.05.2023 June 2018 – December 2018 : Senior Researcher Institute of Informatics Faculty of Business Management Brno University of Technology, Brno, Czech Republic July 2015 : Visiting Senior Fellow Faculty of Mathematics and Statistics University of Konstanz, Konstanz, Germany April 2013 – July 2013: TU Delft, MEG. Delft, The Netherland. Program of the Ministry of Education and Science of Ukraine 'Study and training of students, scientist and teachers on abroad' of 2012. March 2012 : Zhilina University. Zhilina, Slovak Republic. National Scholarship Program of the Slovak Republic (SAIA), Driving licence Drive Licence categories A, B from 1986.

Additional information

References available upon request

Dr. Denys Ya. Khusainov (e-mail: d.y.khusainov@gmail.com) Full Prof. Department of Complex System Modeling, Faculty of Computer Science and Cybernetics, Taras Shevchenko National University of Kyiv, Ukraine.

Dr. Oleksii Bychkov (e-mail: oleksiibychkov@knu.ua) Full. Prof., Head of Dept. Program System and Technology, Faculty of Information Technology, Taras Shevchenko National University of Kyiv, Ukraine.

Dr. Josef Diblík (e-mail: josefdiblik@email.cz, diblik.j@fce.vutbr.cz, diblik@feec.vutbr.cz) Full Prof. Brno University of Technology, Czech Republic

Dr. Michael Pokojovy (e-mail: mpokojovy@utep.edu) Assistant Prof. Mathematical Science Departments. University of Texas El Paso. USA.

Dr. Martin Bohner Full Prof. Department of Mathematics and Statistics Missouri University of Science and Technology, 106 Rolla Building 400 West 12th Street Rolla, MO 65409-0020 USA [Missouri S&T Homepage of Martin Bohner](#)

Michael A. Radin (e-mail: marsma@rit.edu) Associate Prof. Rochester Institute of Technology / RIT School of Mathematics and Statistics College of Science, USA