



Name	Olena Torosyan
Position, Department/Faculty	senior lecturer, Department of Theoretical Mechanics, Engineering and Robomechanical Systems, Faculty of the Aircraft Engines
Academic Degree, Academic Title	-
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ResearchGate:	[посилання] -

EDUCATION:

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

Specialist – aviation instruments and measuring and computing complexes, National Aerospace University “Kharkiv Aviation Institute”, June 1995

Additional training, certification programs:

Big course on AI in education, VKSHIO-3917 dated 09.06.2025.

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Assistant, of Department of Theoretical Mechanics, Engineering and Robomechanical Systems, National Aerospace University “Kharkiv Aviation Institute”, October 2020

Senior Lecturer, Department of Theoretical Mechanics, Engineering and Robomechanical Systems, National Aerospace University “Kharkiv Aviation Institute, September 2023 – Present

Teaching Experience:

5 years

RESEARCH ACTIVITIES:

Main Research Areas:

Design and construction of engineering objects using SolidWorks.



Participation in Scientific Conferences:

Ruzaikin V., Breus A., Torosian O., Lukashov I. FEATURES OF THE PHASE DISTRIBUTION OF AMMONIA FLOW IN TEE CONNECTIONS 35 All-Ukrainian Conference "New Technologies of Mechanical Engineering", September 2-5, 2025, Kharkiv, Ukraine.

Vasil Ruzaikin, Ivan Lukashov, Andrii Breus, Olena Torosian Study of the accuracy of the capillary rise method in determining the equilibrium contact angle between ammonia and stainless steel // 35th All-Ukrainian Conference "New Technologies of Mechanical Engineering", September 2-5, 2025, Kharkiv, Ukraine.

TEACHING ACTIVITIES:

Courses Taught:

Operation and maintenance of machines;
The device and design of transporting machines;
Computer design technologies

Methodological Materials, Textbooks:

Fundamentals of microcontroller programming: a textbook for laboratory work / Yu. V. Shyroky, D. R. Stepanenko, O. V. Torosyan, A. O. Breus // Kharkiv: National Aerospace University named after M. Ye. Zhukovsky "Kharkiv. Aviation Institute", 2022. – 80 p.

Dotsenko V.M. Design of mechanisms with screw-nut transmission / V. M. Dotsenko, Yu. V. Koveza, V. I. Nazin, O. V. Torosyan // Textbook (electronic resource). National Aerospace University named after M. Ye. Zhukovsky "Kharkiv. Aviation Institute". - Kharkiv, 2024. - 117 p.

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian and German: Fluent

IT Skills:

Basic IT skills

Social and Community Activities:

Member of the public association "International Foundation of Scientists and Educators (IESF)"
certificate No. ES3116

