



Name	Yulia Kuznetsova
Position, Department/Faculty	Senior Lecturer, Department of Descriptive Geometry and Computer Modeling
Academic Degree, Academic Title	
Email:	kuznetsovaulia@gmail.com
Scopus Author ID:	
Web of Science ResearcherID:	
ORCID iD:	
Google Scholar:	
ResearchGate:	

EDUCATION:

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

Kharkiv Institute of Radio Electronics (graduated in 1993) Major: 'Electronic Computers, Systems, Complexes, and Networks' Qualification: Systems Engineer.

Additional training, certification programs:

Comprehensive advanced training at the Faculty of Professional Development (FPK), KhAI: Certificate of Advanced Training No. PK 02066769/01040–24, dated 24.06.2024.

RESEARCH ACTIVITIES:

Main Research Areas:

- Geometric Modeling and Graphic Information Technologies.
- Graphic Information Technologies (Practice).
- Engineering and Computer Graphics.
- Design in Marketing Activities.

Monographs, Textbooks:

1. Msallam, K. P., Kuznetsova, Yu. A., & Stepanenko, V. M. (2025). Geometric Modeling and Graphic Information Technologies. Shaft Design: study guide. Kharkiv: National Aerospace University "Kharkiv Aviation Institute". 116 p.
2. Kuznetsova, Yu. A., & Msallam, K. P. (2024). Introduction to the specialty "Computer Design and 3D Modeling": study guide, Part 1: Design in Marketing Activities. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 54 p.
3. Pohorelova, Z. O., Msallam, K. P., & Kuznetsova, Yu. A. (2024). Geometric Modeling and Graphic Information Technologies. Threaded and Permanent Joints: study guide. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 79 p.
4. Methods of geometric modeling and their application in graphic disciplines for engineer training (2023). Research report (final) / Ministry of Education and Science of Ukraine, National Aerospace



University "M. Ye. Zhukovsky Kharkiv Aviation Institute" ; supervisor K. P. Msallam. Kharkiv. 37 p. (State Reg. No. 0121U111410).

5. Msallam, K. P., Kuznetsova, Yu. A., & Andrenko, Yu. G. (2022). Workbook for Descriptive Geometry / Methodological guidelines. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 81 p.

6. Andrenko, Yu. G., Kuznetsova, Yu. A., Msallam, K. P., & Stepanenko, V. M. (2022). Geometric Modeling with Elements of Descriptive Geometry: study guide for practical classes. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 96 p.

7. Msallam, K. P., et al. (2021). Descriptive Geometry in Examples and Problems: study guide for practical classes. National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". Kharkiv: KhAI. 103 p. (ISBN 978-966-662-797-4).

8. Research on geometric modeling methods and their application in professional training of engineers (2020). Research report (final) / Ministry of Education and Science of Ukraine, National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute" ; supervisor Cherniavskiy A. Yu. Kharkiv. 146 p. (State Reg. No. 0118U007155).

Participation in Scientific Conferences:

1. Herasymova, M. V., & Kuznetsova, Yu. A. (2025). "The influence of brand archetype on its visual identity: from meaning to color." In: Proceedings of the XXI Scientific-Technical Conference of the Faculty of Rocket and Space Technology "Modern Problems of Rocket and Space Technics and Technology" (pp. 61-63). Kharkiv: National Aerospace University "KhAI".

2. Levicheva, M. O., Msallam, K. P., & Kuznetsova, Yu. A. (2025). "Graphic metaphor as an intermediary between brand archetype and aesthetics." In: Proceedings of the XXI Scientific-Technical Conference... (pp. 64-66). Kharkiv: National Aerospace University "KhAI".

3. Msallam, K. P., Rylkova, S. O., & Kuznetsova, Yu. A. (2025). "Metaphorical thinking as a professional skill for a designer." In: Proceedings of the XXI Scientific-Technical Conference... (pp. 77-79). Kharkiv: National Aerospace University "KhAI".

4. Msallam, K. P., & Kuznetsova, Yu. A. (2023). "Visual communication and visual codes in marketing activities." In: Proceedings of the XIX Scientific-Technical Conference of the Faculty of Rocket and Space Technology "Modern Problems of Rocket and Space Technics and Technology" (pp. 97-101). Kharkiv: National Aerospace University "KhAI".

5. Msallam, K. P., & Kuznetsova, Yu. A. (2023). "Visual communication in marketing: strategies, importance, and design features." In: Proceedings of the XIX Scientific-Technical Conference... (pp. 71-74). Kharkiv: National Aerospace University "KhAI".

TEACHING ACTIVITIES:

Methodological Materials, Textbooks:

1. Msallam, K. P., Kuznetsova, Yu. A., & Stepanenko, V. M. (2025). Geometric Modeling and Graphic Information Technologies. Shaft Design: study guide. Kharkiv: National Aerospace University "Kharkiv Aviation Institute". 116 p.

2. Kuznetsova, Yu. A., & Msallam, K. P. (2024). Introduction to the specialty "Computer Design and 3D Modeling": study guide, Part 1: Design in Marketing Activities. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 54 p.

3. Pohorelova, Z. O., Msallam, K. P., & Kuznetsova, Yu. A. (2024). Geometric Modeling and Graphic Information Technologies. Threaded and Permanent Joints: study guide. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 79 p.

4. Methods of geometric modeling and their application in graphic disciplines for engineer training (2023). Research report (final) / Ministry of Education and Science of Ukraine, National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute" ; supervisor K. P. Msallam. Kharkiv. 37 p.

(State Reg. No. 0121U111410).

5. Msallam, K. P., Kuznetsova, Yu. A., & Andrenko, Yu. G. (2022). Workbook for Descriptive Geometry / Methodological guidelines. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 81 p.

6. Andrenko, Yu. G., Kuznetsova, Yu. A., Msallam, K. P., & Stepanenko, V. M. (2022). Geometric Modeling with Elements of Descriptive Geometry: study guide for practical classes. Kharkiv: National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". 96 p.

7. Msallam, K. P., et al. (2021). Descriptive Geometry in Examples and Problems: study guide for practical classes. National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute". Kharkiv: KhAI. 103 p. (ISBN 978-966-662-797-4).

8. Research on geometric modeling methods and their application in professional training of engineers (2020). Research report (final) / Ministry of Education and Science of Ukraine, National Aerospace University "M. Ye. Zhukovsky Kharkiv Aviation Institute" ; supervisor Cherniavskiy A. Yu. Kharkiv. 146 p. (State Reg. No. 0118U007155).

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Membership in Professional Associations:

"V.S. Grizodubova Kharkiv Aeroclub" Public Organization (Society for the Promotion of Defense of Ukraine). Joined: January 2022.