



Name	Borysevych Volodymyr
Position, Department/Faculty	Associate professor of the Technology of Aircraft Manufacturing Department
Academic Degree, Academic Title	Candidate of Science, PhD, Docent
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Scopus Author ID:	-
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ResearchGate:	https://www.researchgate.net/profile/Volodymyr-Borysevych?ev=hdr_xprf

EDUCATION:

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

1985: Kharkiv Aviation Institute,
Qualification: Mechanical Engineer.

Postgraduate/Doctoral studies:

1985 – 1988: Postgraduate studies at the Department of MetalWorking of Kharkiv Polytechnic Institute.

1988: Defense of the Candidate of Sciences dissertation in specialty 05.03.05 “Optimization of Impulse Stamping of axisymmetric blanks made of titanium alloys”

Candidate of Sciences 1989,

Associate Professor Certificate ДЦ № 008210, issued on 14.06.2003 by the Ministry of Education and Science of Ukraine.

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

1985–1985: engineer.

1985–1988: postgraduate student.

1988–1989 junior researcher

1989–2001: Senior Lecturer.

2001— present: Associate Professor of the Department of Aircraft Manufacturing Technology.

Teaching Experience:

Total academic and teaching experience: 36 years

RESEARCH ACTIVITIES:

Main Research Areas:

1. Impulse metalworking processes
2. Bulk close die forging
3. Metalworking process simulation
4. CAM modeling

Number of Publications (Scopus, WoS, others):

67

Monographs, Textbooks:

4

TEACHING ACTIVITIES:

Courses Taught:

1. Technology of Engineering Materials
2. Systems for Preproduction Engineering
3. Fundamentals of aircraft production and repair technology

Methodological Materials, Textbooks:

1. Технології конструкційних матеріалів: навч. посібн. (конспект лекцій) / Бичков І.В., Борисевич В.В., Застела О.М – Харків: Нац. аерокосм. ун-т ім. М.Є. Жуковського «Харків. авіа. ін-т», 2020. – 87 с.
2. Технології конструкційних матеріалів: навч. посібн. / Бичков І.В., Борисевич В.В., Застела О.М., Заклинський С.О., Шипуль О.В. – Харків: Нац. аерокосм. ун-т ім. М.Є. Жуковського «Харків. авіа. ін-т», 2019. – 80 с.

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Xiang Zhang, V. Borysevych, Jingming Chen. Selection of rational geometry of specimen for compression test. Авиационно-космическая техника и технология. – 2022. – № 2. – С. 14 – 20
2. V. Borysevych, Xiang Zhang. Investigation of the closed die forging with flash of complex forgings and tool geometry consideration. Світ наукових досліджень. 24-25 листопада 2022р. Випуск 14. – С. 206 – 210
3. V. Borysevych, Xiang Zhang. Current state of advanced forgings processes development. Відкриті інформаційні та комп'ютерні інтегровані технології. – 2023. №98 стор. 46-57.
4. Zhang, X., & Borysevych, V. (2023, November). FORMING ANALYSIS OF COMPLEX SHAPE AIRCRAFT LOAD-BEARING BRACKET BASED ON DEFORM-3D. In II International scientific and practical conference «Modern Approaches to Problem Solving in Science and Technology»(November 15-17, 2023) Warsaw, Poland, International Science Unity. 2023. 482 p. , pp. 464-466.
5. Zhang, X., & Borysevych, V. (2024). Theoretical analysis of the forming process of closed die forging with flash and optimization design method of flash gutter. Aerospace Technic and Technology, (5), 64-71.
6. Zhang, X., & Borysevych, V. (2024, March). INVESTIGATION OF THE RESEARCH NOVELTY AND PRACTICALITY OF NONUNIFORM FLASH LAND SURROUNDING DIFFERENT ZONES OF DIE. In XVI International scientific and practical conference «Innovative Approaches to the Progressive Solution of



- Scientific Research Problems»(March 27-29, 2024) Valencia, Spain. International Scientific Unity, 2024. 175 p. ISBN 978-617-8427-08-5 , p. 171-174.
7. Zhang, X., & Borysevych, V. (2024, June). A SURVEY ON THE CLASSIFICATION OF COMPLEX FORGINGS. In XXIX International scientific and practical conference «Science and Technology of the Future: Advanced Views»(June 26-28, 2024) Madrid, Spain. International Scientific Unity, 2024. 159 p. ISBN 978-617-8427-21-4 pp. 146-148.
8. Zhang, X., & Borysevych, V. (2024, September). BILLET OPTIMIZATION DESIGN FOR NON-AXISYMMETRIC DIE FORGINGS BASED ON FORWARD SIMULATION ANALYSIS METHOD. In XXXVII International scientific and practical conference «Modern Problems of Science and Technology: Prospects for Further Development»(September 4-6, 2024) Bergen, Norway. International Scientific Unity, 2024. 178 p. ISBN 978-617-8427-27-6, pp. 169-174.
9. Zhang, X., & Borysevych, V. (2024, September). ADVANTAGES AND DEVELOPMENT OF NONUNIFORM FLASH GUTTER SURROUNDING DIFFERENT ZONES OF DIE. In Collection of Scientific Papers with the Proceedings of the 1st International Scientific and Practical Conference «Modern Science: Exploring Theories, Innovations and Practical Solution»(September 9-11, 2024. Odesa, Ukraine). European Open Science Space, 2024. pp. 129-131. .
10. Zhang, X., & Borysevych, V. V. (2025). Investigation on the effect of non-uniform flash land on material redistribution in closed die forging with flash. Open Information and Computer Integrated Technologies, (103), 46-56.
11. Zhang, X., & Borysevych, V. (2025). Integrated FEM and neural network-based optimization of the drawing process for variable cross-section forgings. International Science Journal of Engineering & Agriculture, 4(3), pp.101-113

Books, Chapters in Collective Monographs:

1. Обработка металлов давлением Підручник з грифом міністерства освіти та науки України для студентів ВТНЗов. – Харків: Нац. аерокосмічний ун-т «Харк. авіац. ін-т», 2002. – с. 419.
2. Обработка металлов давлением. Часть II. Підручник з грифом міністерства освіти та науки України для студентів ВТНЗов. – Харків: Нац. аерокосмічний ун-т «Харк. авіац. ін-т», 2007. – с. 367.
3. Борисевич, В.В. Обобщенный вариационный метод решения статических и динамических аналитических краевых задач макро-, микро-, наносистем [Текст] : монографія / В.В. Борисевич, В.К. Борисевич, В.А. Богуслаев; К.Б. Балушок, А.И.Долматов, В.А. Титов, А.И.Сабакаръ, В.В. Третьяк – Запоріжжя. АТ «Мотор Січ», 2022. – 246 с.
4. Долматов, А.І. Розв’язання аналітичних граничних задач мікро- і наносистем[Електронний ресурс]: монографія / А.І. Долматов ; В.В. Борисевич, В.В. Третьяк – Харків : Наукова думка Нац. аерокосм. ун-т ім. М.Є. Жуковського «Харків. авіац. ін-т», 2024. – 72 с.

ADDITIONAL INFORMATION:

Language Proficiency:

Cambridge Assessment English на рівень знання англійської мови Europe Level B2 Номер сертифіката B0080916, видано 01.08.2019

