

Oleksii Karasov, Ph.D. (aka. Alexey Karasev, Ph.D.)

CONTACT ADDRESSES

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PERSONAL

Citizenship: Ukrainian

Date of birth: 10th April 1985

Sex: male

Marital status: married, 1 child

EMPLOYMENT AND EXPERIENCE

- 2020 Deputy Dean, Faculty of Information Technologies and Mechanical Engineering
- 2018 Deputy Responsible Secretary of the admissions committee.
- 2018 Associated professor, Department of Structural Mechanics and Strength of Materials. Disciplines: Theoretical mechanics, Strength of materials: lection classes, training classes, consultation classes. Research in the field of shallow conical shells buckling, stresses and deformations; Liquids dielectrics; Alternative energetics.
- 2010-2020 Assistant than Associated professor, Department of Workplace Safety and Health (Department of Life safety). Disciplines: Life safety, Civil defense, Electrical safety: lection classes, training classes, consultation classes. Research in the field of shallow conical shells buckling, stresses and deformations; Alternative energetics; Liquids dielectrics; Radiation safety.

EDUCATION

2007-2010 Postgraduate study at PSACEA. Doctor of Philosophy (main speciality: structural mechanics).

2002-2007 Undergraduate study at PSACEA. Master's degree in Civil Engineering.

1991-2002 Secondary school, than High school, Dnipropetrovsk, Ukraine.

LANGUAGES

Ukrainian, Russian: native speaker; English, French: intermediate.

PUBLICATION

Overall 21 papers, 1 patent and 10 presentations on conference.

GRANDS AND AWARDS

- Alexander von Humboldt Foundation (Institutional academic co-operation programme, grant no. 3.4-Fokoop-UKR/1070297).

LIST OF PUBLICATIONS

A) Articles in journals/Contributions to books

1. Numerical analysis of experimental research on buckling of closed shallow conical shells under external pressure / **Alexey Karasev**, Maryna Varianychko, Yaroslav Bessmertnyi, Vasily Krasovsky, Gennady Karasev // Journal of Theoretical and Applied Mechanics, 58, 1, pp. 117-126, Warsaw 2020. DOI: <https://doi.org/10.15632/jtam-pl/115321> (**Scopus**)
2. Properties of numerical solution of the deformation and stability problem in shallow conical shells under external pressure / Vasily Krasovsky, **Alexey Karasev** // Roads and Bridges - Drogi i Mosty 15 (2016) p.117 – 135, DOI: <https://doi.org/10.7409/rabdim.016.008> (**Scopus**)
3. Initial imperfection influence on the buckling load of closed elastic isotropic shallow conical shells / **A.G. Karasev** // Mathematics and Mechanics of Solids, April 2016 vol. 21, issue. 4, p.444-453, doi: <https://doi.org/10.1177/1081286514526082> (**Scopus**)

B) Proceeding of academic conferences

1. **Alexey Karasev** On the numerical analysis of experimental data of the buckling of closed elastic shallow conical shells undergoing external pressure / Marina Varyanichko, Gennady Karasev, Makhinko Mykola, Olena Butska // Proceedings of the XIII International Scientific and Practical Conference International Trends in Science and Technology / Vol.1, May 31, 2019, Warsaw, Poland. – p. 18 – 22.
2. **Karasev A.** “Utilisation de la méthode des courants inversés pour la détermination des paramètres des diélectriques liquides” / B. Dikarev, G. Karasev, S. Sokolovskyy, A. Karasev. / Langes, Science et pratiques, Actes du 2ème Colloque international francophone en Ukraine 3-4 octobre 2018. – p. 51 – 52.
3. Deformation and buckling of elastic shallow conical shells with different boundary conditions // **A. G. Karasev**, M. A. Varianichko, G. G. Karasev // Stability of Structures XIIIth Symposium – Zakopane – 17 - 21.09.2012 –pp. 315 –320.