



Valentina Zubareva

Data Scientist

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EDUCATION

Bauman Moscow State Technical University

Master of physics (4.94 / 5.0)

09/2019 – 06/2021 | Moscow, Russian Federation

Bauman Moscow State Technical University

Bachelor of physics (4.7 / 5.0)

09/2015 – 06/2019 | Moscow, Russian Federation

PUBLICATIONS

Mass Loss of a Polymeric Composite under Action of Space Radiations 2021

Meleshko Valentina

J Aerosp Eng. Mech. V.4. No.2, pp.211 – 217. DOI: 10.36959/422/443

Study of the mass loss of spacecraft thermal control coatings 11/2020

Meleshko Valentina

7th Annual All-Russian Youth Forum OPEN SCIENCE 2020, National Research Center Kurchatov Institute, Gatchina

Modeling of impurity migration in a polymer composite under vacuum-thermal exposure 10/2020

Meleshko Valentina

17th Conference of Young Scientists "Fundamental and Applied Space Research" IKI RAS

The effect of electron irradiation on the mass loss of a polymer composite and its contamination with gas-release products on the surface of optical glass 11/2020

Meleshko Valentina

16th Interuniversity Scientific School for Young Specialists "Concentrated Energy Fluxes in Space Technology, Ecology, and Medicine", D.V. Skobeltsyn Research Institute of Nuclear Physics in collaboration with the Faculty of Physics at Moscow State University

CERTIFICATES

- "Data Scientist" Yandex Workshop, 2024 - 2025

SKILLS

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|------------------------------|---|-------------------------------|
| • Python | • pandas, numpy, matplotlib, seaborn, sklearn | • LightGBM, CatBoost, XGBoost |
| • PyTorch, Keras, TensorFlow | • BERT, ResNet | • Spark |
| • Bootstrap | • SQL | • Mathematical background |