

PREFACE

Welcome to the Proceedings of the 2nd International Conference on High-Speed Transport Development. The 2023 2nd International Conference on High-Speed Transport Development (HSTD 2023) was successfully held as an online event from August 29–September 3, 2023. We are delighted to share with you this collection of research papers, showcasing the diverse and innovative contributions from researchers, scholars, and professionals in the development of new modes of transport.

The development of high-speed transport as a means of increasing mobility and quality of life is an urgent task for scientific teams in many countries. In the proceedings, ways to solve the problems of creating new designs, reducing sonic boom, environmental pollution, harmful emissions, increasing the efficiency of propulsion and power plants, the general concept and certification are described.

The proceedings include selected articles from the 2nd International Conference on the Development of High-Speed Transport, organized by the Moscow Aviation Institute (National Research University), which, participating in many research and commercial projects (including international ones), has accumulated enough competencies to act as a platform for the exchange of knowledge in this area.

The target audience of this book are researchers working on various aspects of the creation of new modes of transport, graduate students, as well as all individuals who wish to expand their knowledge about various modes of transport.

Hope to see you in HSTD 2024.

Yours Sincerely,
Academic Editors

Prof. Dmitry Strelets
Prof. Oleg Korsun