

## **In memory of Prof. Alexander Glezer (26.01.1946 – 29.11.2022)**



Alexander Glezer, outstanding scientist, Doctor of Science, Professor, Director of the G. V. Kurdyumov Scientific Center for Metal Science and Physics of Metals of the I. P. Bardin Central Research Institute for Ferrous Metallurgy, corresponding member of the Russian Academy of Natural Sciences, Editor-in-Chief of the journal “Deformation and Fracture of Materials”, passed away on November 29, 2022. Alexander Glezer was born on January 26, 1946 in Moscow. In 1969, he graduated with honors from the Moscow Institute of Steel and Alloys (now the National Research Technological University “MISiS”) with a degree in Physics of Metals and came to work at the I. P. Bardin Central Research Institute for Ferrous Metallurgy. Since then, his scientific biography was associated with this institute. From 2003 until the end of his life, he was the Director of the Institute (later — the Scientific Center) of G. V. Kurdyumov Scientific Center for Metal Science and Physics of Metals. A. M. Glezer had an encyclopedic knowledge of physical metallurgy and materials science and contributed to the development of many areas of these fields. He carried out fundamental studies of phase and structural transformations in amorphous and nanocrystalline materials, of the mechanisms of plastic deformation and fracture of these materials, studied the structure and mechanical properties of metallic materials obtained by rapid quenching from the liquid state, introduced and developed the concept of megaplastic deformations, developed a number of new structural and functional materials. Professor Glezer was also an excellent teacher. In addition to teaching at NUST MISiS and supervising numerous graduate and doctoral students, he was an opponent of a huge number of candidate and doctoral theses completed in different cities of the USSR and Russia, carefully analyzed these works and always made a significant contribution to understanding their results. As chairman of the International Coordinating Council for Physics of Strength and Plasticity of Materials, he organized at a high level numerous all-Russian and international scientific conferences, schools on physical materials science for young researchers.

Alexander Glezer was a great friend of the IPSM RAS, he often attended the conferences organized by the institute, made key reports that aroused a great interest among young scientists, and was an opponent of a number of dissertations. He was also a member of the editorial board of our journal.

The staff of IPSM RAS and the editorial board of the journal express their condolences to the relatives and friends, colleagues of Alexander Glezer. The bright memory of him will forever remain in our hearts.

Editorial board