

UDC 140.8 (043.2)

Makarov I., Shylnyk V.
*National Aviation University, Kyiv***THE INFLUENCE OF PERSONALITY ON DEVELOPMENT
OF WORLDVIEWS IN NATURAL PHILOSOPHY**

The history is a complex and multifaceted process that has an internal logic and develops on the basis of its inherent laws. But at the same it is a product of human activity, each personality pursuing his own goals and interests. Thus, history is a unity of subjective and objective, that is, on the one hand, it develops independently of the wishes and desires of people on the other hand – each of us creates the world and a human history. Man is a basic structural unit of society. He makes the human history and the world all the time.

People often conform from a desire for security within a group – typically a group of a similar age, culture, religion, or educational status. Newton was the English physicist and mathematician, philosopher and one of the greatest scientists of his era. He is best known for the invention of the calculus in the mid of 1660s and for the theory of universal gravity formulation – the latter in his *Principia*, the single most important work in the transformation of early modern natural philosophy into a modern physical science. Now concerning aviation: according to Newton, air molecules transfer their kinetic energy of an aircraft wing and in view of the difference in flow rates over the wing and under the wing, as well as taking into account the fact that the kinetic energy is proportional to the square of the velocity. For an aerospace specialist there was another well-known example of the influence of social and scientific positions of personality on others is the philosophical approach to the space program in the former Soviet Union. According to Korolyov's approach no benefit could be extracted via using the space vehicles of many times using. He proclaimed that such approach was not useful and it was more convenient to use the rocket of one-time using. But time showed that that philosophical approach was completely wrong.

The level of the individual is an indicator of the level of the development of society and vice versa and it always plays a fundamental role in a human thought. We are often confronted with the impact of the individual or individuals in the course of some certain events. The influence of personality gives rise to conformity. The tendency to conform has been all the time. Conformity has some advantages and disadvantages. And it is not a solved problem; it is a great and even tremendous phenomenon in our society. Beginning from Ancient Greece and Rome through the Middle Ages and up to now this problem has not been solved yet and it is a very difficult question, because it influences on the development not only of the aviation technique, but also on the development of peoples and personalities.

Scientific supervisor: Ishchuk S.M., Ph. D., assoc. Prof.