

Science and Technology Culture: the Inevitable Choice for Chinese Culture to move Towards the World

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Abstract: Chinese culture has promoted the development of world historical civilization and also played a vital role in modern civilization. The modernization of socialism with Chinese characteristics cannot be separated from the development of Chinese culture, it is China's inevitable choice for Chinese culture to go to the world, and it is also the common expectation of most countries in the world, which is of epoch-making significance. This paper mainly expounds the importance and inevitability of Chinese culture going to the world, analyzes the realistic dilemma of Chinese culture going to the world, and fully constructs scientific and technological culture, which is the inevitable choice and important support for Chinese culture going to the world.

Introduction

In today's world, with the rapid development of science and technology, the role of science and technology culture is becoming more and more important. It is under such a big background that Chinese culture faces many opportunities and challenges towards the world, the inevitable choice and development direction of Chinese culture towards the world has become a big problem that we have to think about when studying Chinese culture towards the world.

1. The importance and inevitability of Chinese culture going to the world

Wen Jiabao mentioned in the speech "focus on China" of Harvard University in the United States: "The ancestors of the Chinese nation once pursued such a state: 'Set up a heart for Heaven and Earth, set up a life for the living people, in order to go to the sage to follow the unique learning, to open peace for all generations. "Today, human beings are in an era of rapid and great social changes. Tracing back to the source, inheriting the lifeblood, learning from each other, pioneering and innovating are the wise choices for all countries to carry forward their own excellent culture."¹This shows that it is of great significance for Chinese culture to inherit traditional culture, construct modern civilization and move towards the world. First, Chinese culture's moving towards the world is beneficial to its own development. Chinese culture has precipitated Chinese traditional culture, has its own characteristics and laws of development, and has great compatibility, the Continuity and Innovation in the development of Chinese culture have made full preparations for Chinese culture to move towards the world. Secondly, Chinese culture goes to the world, which promotes cultural exchanges and ideological collisions among countries in the world and expands China's international prestige. The thinking mode and thinking direction of Chinese culture are different from those of Western culture. Chinese culture lays particular stress on the holistic thinking mode and takes the harmonious development strategy as the main development discovery. While Western culture mainly focuses on analytical thinking, and its ideological direction focuses on theoretical and practical functions. The collision of thoughts is conducive to the mutual integration of human thoughts, and the overall development and the development of parts are more comprehensive. In addition, Chinese culture moving towards the world is conducive to the establishment of the image

¹Wen Jiabao. Look at China [EB/OL]. [2003-12-11]. <http://www.people.com.cn/GB/shehui/1061/2241298.html> .

of Chinese civilization, showing the will of China's "peaceful rise" to the world and obtaining the understanding and support of all countries in the world for China's development, China is a rapidly developing country, and it is also a peace-loving socialist country. Chinese culture advocates the ideas of "harmony between man and nature", "harmonious development" and "common prosperity", which show China's strategic perspective of development in the international environment and the vision of adhering to "lasting peace".

It is historical inevitability for Chinese culture to move towards the world. Chinese characters, systems, utensils, inventions and so on nourish the civilization of all countries in the world, and Chinese culture promotes the development process of world civilization, it has made great contributions to the world civilization. The four great inventions in China have directly influenced the process of human civilization. Francis Bacon, a philosopher in his book "new tools", wrote: "inkstone printing, gunpowder and magnet. Because these three great inventions were firstly in literature, secondly in war, and thirdly in navigation, which changed the appearance and state of many things in the whole world and resulted in countless changes, as a result, it seems that there is no empire, any faction or any planet that can have greater power and influence on human affairs than these technological inventions."²In today's modern civilization environment, Chinese culture will make more contributions to world civilization in combination with its own characteristics. With the development of China's economy and the enhancement of its comprehensive national strength, Chinese culture is becoming more and more attractive to the outside world and its influence on modern civilization is also increasing day by day. "Chinese fever" "The rise of Confucius Institute" has become the focus of people's attention. There are more than 100 countries and regions in the world teaching Chinese, and 30 million foreigners in the world are learning Chinese, overseas people learning Chinese are expected to reach more than 100 million in 2013. From the "Chinese fever" and the expansion of Confucius Institute, we can deeply see the influence of Chinese culture on modern world civilization and promote the further development of cultural exchanges between China and foreign countries.

Further analysis shows that the realistic inevitability of Chinese culture going to the world shows both external inevitability and internal inevitability, which is the unity of internal inevitability and external inevitability. The external inevitability of Chinese culture moving towards the world is as follows: First, economic development promotes the diversification of people's needs for culture, and Chinese culture has great compatibility to meet people's multi-level needs and aspirations. Second, China, on behalf of developing countries, can think about development and peaceful coexistence from the perspective of developing countries in the international environment to promote the common development of those developing countries. Third, the central idea of Chinese culture is "harmonious development". It is China's obligatory responsibility to create a peaceful world environment and development space and point out the principles and methods of harmonious development.

The inherent inevitability of Chinese culture going to the world is as follows: first, Chinese culture going to the world can profoundly express China's will of "peaceful rise" and actively express China's brand-new international image, it avoids the deliberate distortion of the image of China by the political power and media of some countries. Second, China provides developing countries with successful experience in socialist modernization in favor of their development and promotes the common development of developing countries.

2. The realistic dilemma of Chinese culture moving towards the World: lack of science and technology culture

The development of science and technology in today's society has been raised to the height of social construction and development. Science and Technology culture is increasingly affecting the

²(English) written by Francis Bacon, translated by Xu Baodi: New Tools motto 129. Commercial Press, 1986.

life and development of modern human beings. Chinese culture needs to integrate science and technology culture for common development, the primary realistic difficulty for Chinese culture to move towards the world is the lack of science and technology culture.

First, the lack of science and technology culture makes China's independent innovation ability of science and technology not strong. Ancient Chinese science and technology culture has made great contributions to the promotion of world civilization, but since modern times, China's ability of independent innovation in science and technology has not been significantly improved. Under the environment of rapid development of science and technology and increasingly fierce competition of science and technology, the importance of science and technology culture is self-evident. If Chinese culture wants to go to the world, it must have the ability to lead the development trend and trend of world science and technology culture, and always walk at the front end of the development of science and technology culture. In today's society, China's science and technology culture is not in a strong position, and it still needs to vigorously develop and perfect the science and technology culture system.

Secondly, the lack of science and technology culture can not endow Chinese traditional culture with new values and practical values. A large number of excellent traditional culture in China has been studied and utilized by Western developed countries, and a large number of traditional scientific and technological culture has not been effectively utilized, which has seriously affected the inheritance and development of Chinese traditional culture. When Chinese culture goes to the world, it must inherit and develop the essence of Chinese traditional culture, and endow it with modern values and practical values. However, the lack of Chinese science and technology culture is not conducive to our innovation and re-creation of traditional culture.

Third, the lack of science and technology culture is not conducive to the development of science and technology, and leads to that science and technology cultural products and science and technology cultural activities cannot meet people's growing cultural needs. A large number of scientific and technological products in our country have low scientific and technological content. The production mode of "two ends outside and pollution inside" makes product design abroad, product sales abroad, production plants at home, cheap labor force at home will eventually lead to pollution at home. Low-cost products are produced in China and sold to developing countries at high prices after being abroad. In the long run, it is not conducive to the production and development of China's scientific and technological products, to the development of China's economy and culture, and the goal of Chinese culture moving towards the world will certainly be seriously affected.

Fourth, the lack of science and technology culture is not conducive to the development of Chinese culture under the background of globalization. Chinese culture moving towards the world is beneficial for China to absorb the essence of foreign culture, but it also makes Chinese culture suffer more challenges. Chinese culture's going to the world needs the concept of cultural power as the support, while cultural power needs Chinese science and technology culture as the driving force. The lack of Chinese science and technology culture will directly lead to the great restriction and challenge of Chinese culture's going to the world. In addition, China's lack of science and technology culture is easy to suffer from Western hegemonist countries starting from science and technology culture and gradually devouring Chinese culture to control China and further achieve its goal of dominating the world. The lack of science and technology culture in China will make China fall into a weak position when facing the challenge of strong culture.

In a word, science and technology culture is of vital importance to Chinese culture. It is an inevitable choice for Chinese culture to go to the world cultural arena. The lack of science and technology culture in China will directly lead Chinese culture into a realistic dilemma, it is not conducive to the development of China's science and technology and economic stability, which is a problem that needs our attention and solution.

3. The inevitable choice for Chinese culture to move towards the world: the construction of science and technology culture is an important support

Science and Technology permeate all aspects of our life. We must fully understand the importance of the construction of science and technology culture. The important support for Chinese culture to move towards the world is to widely promote science and technology culture and actively build science and technology culture.

(1) The construction of science and technology culture is the need of the development of China's science and technology itself

The development of Chinese traditional science and technology culture is influenced by Chinese traditional culture, which hinders the development of Chinese science and technology culture to a certain extent. Under the influence of developed Western science and technology culture, China should follow the trend to learn Western science and technology culture, but the value of Western science and technology culture has a fierce conflict with our country's humanistic care and humanistic spirit, moreover, the structure of Western science and technology culture is also imperfect. Under the background of economic globalization and cultural globalization, Chinese culture must combine its own possibility of innovation, not only inheriting and developing Chinese traditional culture to obtain its essence, but also avoiding completely copying Western science and technology culture. Therefore, China must build a scientific and technological culture system with Chinese characteristics. It is an urgent need to build a scientific and technological culture.

China is a developing country, and it needs a long and steady development to fully realize the socialist modernization. Especially, there is still a gap between the overall level and strength of China's science and technology today and that of the developed countries in the world, this requires us to vigorously develop science and technology. Only advanced science and technology can promote the modernization of socialism with Chinese characteristics. The country needs the continuous innovation of science and technology, and science and technology culture is the foundation of science and technology innovation. Building and promoting science and technology culture is the spirit and cultural motivation of China's socialist construction, and its importance is self-evident.

(2) The construction of science, technology and culture plays an important role in promoting China's socialist modernization

The rapid development of science and technology, on the one hand, provides people with rich material wealth and fundamentally changes human life; On the other hand, science and technology culture promotes the continuous progress of human spirit and culture, the revitalization of human civilization by scientific and technological innovation has reached a new realm, and the construction of scientific and technological culture also plays an important role in promoting the construction of advanced culture of socialism with Chinese characteristics.

China's current national conditions are that the public's scientific quality needs to be improved, the public's attention to science, technology and culture is not enough, the popularity of scientific knowledge is not satisfactory, and the audience of scientific spirit is relatively narrow. The foundation of building socialist material civilization is the construction of science and technology culture. Improving the national scientific and technological cultural quality is conducive to the construction and development of material civilization. The construction of social spiritual civilization cannot be separated from the development of scientific and technological culture. The development of scientific and technological culture requires the continuous improvement of the scientific and technological cultural quality of the whole nation. The popularization and application of scientific knowledge will help people understand science and technology and apply science and technology in practice, which will lay a solid foundation for the development of socialist modernization in our country. If we want to implement China's socialist modernization, we must proceed from the national conditions and basically make up for the deficiencies of China's science and technology culture, so as to make China's science and technology culture and science and technology become the advantages and solid foundation of the country's development.

In addition, China, as a developing country with a large population, has contradictions and conflicts in all aspects of society. We need to develop science and technology, use science and technology to solve problems and resolve contradictions. However, while paying attention to the

development of science and technology, it is also not feasible to grab natural resources without limits and principles. If moral anomie is caused by people's utilitarian development needs, or they become "mechanized" people without emotion because they only pursue scientific and technological progress in one direction, etc, we cannot tolerate and accept these problems.

To build a harmonious society with human beings and nature, human beings and human beings, as well as human beings and society, and to realize the sustainable development of Chinese society, we cannot do without scientific culture, especially scientific spirit. Science and Technology culture has advanced cultural concepts, which is conducive to the sustainable growth of China's economy and the green and sustainable development of China's science and technology.

(3) The construction of science and technology culture is also the need of modernization of Chinese traditional culture

It can be seen from materialistic dialectics that the development path of new things is tortuous, but the future is bright.

After the birth of modern science and technology, the development process of science and technology culture is tortuous and difficult, but its development prospect is bright and gradually growing. On the road of development, science and technology culture has overturned the mountains that hinder the progress of human thoughts-religion and superstition, it creates a new situation of mutual cultural exchanges among all human beings-the situation of mutual exchanges between different countries and different cultural fields, which promotes the mutual integration of cultures of various countries and promotes the pace of mutual advancement.

If a country wants to grasp its own destiny under the background of the times, it must have solid comprehensive strength and strong national spirit and culture. The country's comprehensive strength cannot be separated from the development of economy, the development of economy cannot be separated from the development of science and technology, and science and technology cannot be separated from the height reached by the country's own scientific and technological cultural level. Only on the basis of rich traditional culture, science and technology culture can reasonably understand nature, transform nature, achieve harmonious coexistence between human and nature, and generate new sparks when colliding with Western advanced culture, only in this way can we get the transformation and development in the true sense. To develop Chinese science and technology culture, we must inherit the essence of Chinese traditional culture, promote the modernization of Chinese traditional culture, and organically combine contemporary science and technology culture with Chinese traditional culture, and integrate the excellent cultures of all countries in the world to create advanced science and technology culture with Chinese characteristics.

Chinese culture moving towards the world is not only the need of China's development, but also the opportunity and challenge that China must face. Science and Technology culture is the most modern culture, and Chinese culture must master the key to the trend. And the construction and development of science and technology culture can support Chinese culture to integrate into the world's advanced culture stream more quickly and become the leader in the tide of the times.

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