

# 科学学上海倡议

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## Shanghai Declaration on Science of Science

Our world is at a crucial moment for the Science of Science.

In recent years, Science of Science has gained renewed governmental attention, leading to specialized funding programs, numerous forums and conferences, as well as new institutions, focused on Science of Science research.

The Science of Science is a discipline about science (tech & science). It is dedicated to exploring the developmental laws of science and scientific activities, thereby facilitating the formulation of science and technology policies, improving research management, and fostering the harmonious development of science, technology, and society.

The recent rapid advancement of Science of Science reflects widespread and deep-seated concerns in the current societal context, and provokes fundamental questions such as what constitutes science, what kinds of science should be prioritized, how science should be developed, and who should be responsible for scientific development.

The resurgence of Science of Science in the present era is primarily attributed to the transformation of science and technology and the development of new research methods. The deep integration of next-generation information technology, energy sources, materials, and biotechnology has propelled a new round of technological transformation, giving rise to new scientific paradigms and organizational models for research. With research activities becoming increasingly data-driven and the rapid advancements in artificial intelligence, new methodological approaches in the Science of Science are emerging.

The resurgence of Science of Science in the new era also stems from the increasingly intricate interactions between science and the external environment. The escalating complexity of the connections between science and fields such as politics, economics, culture, and security give rise to new challenges. These emerging challenges urgently require the discipline of Science of Science to address them.

Shanghai has long been a significant home for the Science of Science in China. In 1980, the Shanghai Institute for Science of Science was established as the first institute specialized in the study of this discipline, since then, Shanghai has been a leading center for Science of Science research in China. Today, this Science of Science conference hosted by the

