

## **The 4<sup>th</sup> World Science and Technology Development Forum An Open Letter for Basic Sciences for Sustainable Development**

(November 2022 Chengdu, China)

Scientific and technological progress is an inexhaustible driving force for the development of human society. Basic science research plays a key role in promoting scientific and technological progress and addressing common challenges faced by mankind. On the occasion of the International Year of Basic Sciences for Sustainable Development 2022, as important forces in advancing scientific and technological progress, we, science and technology organizations and workers, hereby propose to work together and cooperate pragmatically so that basic science research can make greater contributions to global sustainable development!

### **Upholding scientific spirit and pursuing research excellence.**

With the mission of exploring truth and discovering new knowledge, we shall attach importance to basic science research, and push back the frontiers of science and cognitive boundaries. While following the laws and ethics of science, we shall conduct responsible research and create an open, inclusive and fair research environment. Through combining free and goal-oriented exploration, we shall march forward to expand the breadth and depth of basic science research so as to keep delivering new principles, laws, methods and processes, and promoting excellence in basic science research.

### **Demonstrating scientific value and advancing sustainable development.**

We shall facilitate the integrated development of basic research and applied research, and improve the effectiveness of basic sciences in supporting scientific and technological innovation as well as economic and social development. We shall shape a concept of “science and technology for good” and make basic sciences contribute more to addressing the world’s development problems and common challenges so that basic science research can promote global efficient, healthy, and sustainable development, and enhance human well-being.

### **Promoting the popularization of science and raising public awareness of basic sciences.**

Respecting the right of the public to participate in basic sciences, we shall promote the education and training in the field of basic sciences by disseminating basic science ideas to the public and popularizing basic science knowledge with a view to raising public awareness of basic sciences,

stimulate public interest in basic sciences, and make basic sciences closer to the public.

**Advocating open cooperation and delivering shared benefits.**

We shall deepen international cooperation in basic science research, facilitate communications and exchanges among scientists engaging in basic science research worldwide and construct a collaborative and efficient global basic science research network. We shall encourage open science practice to promote the sharing of data, achievements, instruments and equipment and knowledge so that the fruits of basic science research can benefit more countries and people and contribute to the building of a community with a shared future for all mankind.

# 第四届世界科技与发展论坛

## “基础科学促进可持续发展”倡议

(2022年11月 中国·成都)

科技进步是人类社会发展的不竭动力。基础科学研究为实现科技进步和解决人类面临的共同挑战发挥着关键作用。值此2022联合国基础科学促进可持续发展国际年，作为推动科技进步的重要力量，我们科技组织、科技工作者在此倡议：携手共进、务实合作，让基础科学研究为促进全球可持续发展作出更大贡献！

### 崇尚科学精神、追求研究卓越

以探究真理、发现新知为使命，重视基础科学研究，探索科学前沿，扩展认知边界。开展负责任的研究，遵循科学规律，恪守科学道德，营造开放、包容、公平的研究环境。推动自由探索和目标导向相结合，不断向基础科学研究的广度和深度进发，让新原理、新规律、新方法、新工艺持续产出，让基础科学研究走向卓越。

### 彰显科学价值、促进可持续发展

推动基础研究与应用研究融通发展，提升基础科学支撑科技创新和经济社会发展的效能。塑造科技向善的理念，提高基础科学应对世界发展难题和共同挑战的贡献度，让基础科学研究促进全球高效、健康、可持续发展，增进人类福祉。

### **推动科学普及、提升公众认知**

尊重公众参与基础科学的权利，加强基础科学的教育和培训，面向公众传播基础科学思想、普及基础科学知识，提高公众对基础科学的认知，激发公众对基础科学的兴趣，让基础科学更加贴近大众。

### **倡导开放合作、实现互惠共享**

深化基础科学研究国际合作，加强全球基础研究科学家沟通交流，构建协同高效的全球基础科学研究网络。推动开放科学实践，促进数据、成果、仪器设备和知识共享，让基础科学研究成果惠及更多国家和人民，携手共建人类命运共同体。