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祖國寄希望於科技  
科技寄希望於青年

為中國青年科學家題

盧嘉錫

一九九三年春月



科技事业日新月异  
振兴中华只争朝夕

一九九三年 吴阶平



科技之继往开来，  
寄希望于青年。

唐有祺敬识

一九九三年二月十日于燕东园

祖國寄希望于科技  
科技寄希望于青年

張存浩

一九九三年二月十二日

科技增强国力，  
希望在于青年！

王淦昌

一九九三年二月二十日



# “中国青年科学家奖”评审章程

(1998年4月 第四届评审工作组委员会第一次会议修改)

## 第一章 评审宗旨

第一条 共青团中央、中共中央组织部、科学技术部、人事部主办，中华全国青年联合会、中国青少年发展基金会承办，国家自然科学基金委员会协办的“中国青年科学家奖”评审活动，旨在表彰奖励在科技领域取得重大科技成果的青年科学家，激励中国青年科技工作者积极投身科教兴国的伟大实践，在科学技术领域培养创新能力，赶超世界先进水平，取得新的突破；弘扬中国青年科技工作者献身科技进步，勇攀科学高峰的奋斗精神，倡导严谨、求实的学风，强化“科学技术是第一生产力”的观念，为振兴中华，使我国跻身世界强国之列作出积极贡献。

## 第二章 评审条件

第二条 本奖授予数理科学家（含天文、力学）、化学、生命科学、地球科学、技术科学、管理科学6个学科任一领域内有新的重大科研成果的青年科技工作者。

第三条 请奖者应为45周岁（含45周岁）以下的中华人民共和国公民。

第四条 请奖者的科技成果应在本学科研究中有重大发明或发现，对本学科的研究和发展具有现实推动作用和深远影响。

第五条 请奖分专家推荐和单位推荐两种形式，专家推荐需2位同学科正教授级专家签署意见。

## 第三章 评审原则

第六条 本奖每两年评审一次，每次均在规定的6个学科中进行。

第七条 根据学科涵盖面的大小，确定获奖者人数，其中数理学2名，化学1名，生命科学3名，地球科学1名，技术科学3名，管理科学1名；提名奖各一名。

第八条 评审坚持标准，无适奖人员可空缺，以维护本奖的严肃性和权威性。

第九条 请奖必须坚持实事求是的态度，一旦发现剽窃或弄虚作假，立即取消其评奖资格。

## 第四章 评审机构

第十条 本奖设立单位成立评审工作组织委员会，负责评审组织工作。

第十一条 组委会邀请国内著名学术权威和海外著名华裔科学家担任顾问。

第十二条 组委会聘请6个学科的专家组成初审委员会和复审委员会，负责各学科的评审工作。

第十三条 组委会下设评审办公室，在组委会领导下负责实施评审的具体工作。

## 第五章 评审程序

第十四条 评审办公室对请奖者的申报材料进行形式审查，合格者交初审委员会评审。

第十五条 初审委员会确定优秀请奖者若干名，提交复审委员会。复审委员会在充分讨论的基础上，以无记名投票表决方式确定若干提名者。经组委会审核批准后，公诸社会。

第十六条 自被提名者公布之日起，任何单位或个人对其持有异议，可在一个月内向评审办公室提出（时间以邮戳为准），逾期不予受理。

对被提名者提出异议应当以书面形式详细写明异议内容和事实根据，并写明本人真实姓名、工作单位和联系地址等。以单位名义提出异议的，应当写明单位负责人和联系人姓名。评审办公室对异议者姓名和单位名称将予以严格保密。对匿名信不予处理。

第十七条 评审办公室对有异议的被提名者进行调查，提出处理意见上报组委会。组委会综合各方面意见并征求顾问意见后，对6个学科的被提名者分别进行最终裁定，即确定每个学科的获奖者、提名奖获得者。

## 第六章 奖励方式

第十八条 根据评审结果，向获奖者、提名奖获得者颁发荣誉证书、奖杯和奖金。

第十九条 中华全国青年联合会和陕西金花企业集团共同设立“‘中国青年科学家奖’金花基金”，提供奖资。

第二十条 举行“中国青年科学家奖”颁奖仪式，予以表彰。

## 第七章 附 则

第二十一条 每届审评工作依据本章程制定工作方案。

第二十二条 本章程由评审办公室负责解释。

# Charter on examination and Appraisal for Awarding Prizes for Yong Scientists of China

(Revised at the 1st Session of the Organizing Committee for Examination and Appraisal for Awarding the 4th Prizes for Yong Scientists of china April 1998)

## **Chapter One: Purposes of Awarding Prizes for Yong Scientists of china**

**Article One:** Sponsored by the Central Committee of the Communist Youth League of China, the Organization Department of the Central Committee of the Communist Party of China, the Ministry of Science and Technology and the Ministry of Personnel, undertaken by All-China Youth Federation and China Youth Development Foundation and coordinated by China National Science Foundation, the examination and appraisal for awarding Prizes for Young Scientists of China (PYSC) are intended to recognize and award young Chinese scientists who have made outstanding achievements in fields of science and technology, and to encourage young Chinese professionals of science and technology to actively join in the great national campaign of prospering China with science and education, attain and surpass advanced world levels in scientific and technological fields and achieve new breakthroughs. The awarding of such prizes is also meant to publicize the endeavoring spirit of young Chinese professionals of science and technology to totally devote themselves to scientific and technological progress and bravely climb to the peak of science, to advocate their academic style of rigorousness and reality, to strengthen the concept that "Science and technology are the first productive force" and to call for contributions to rejuvenating China and to enabling China to rank itself among the most powerful nations of the world.

## **Chapter Two: Eligibility for Prizes for Young Scientists of China**

**Article Two:** The Prizes for Young Scientists of China (hereinafter referred to as "these Prizes") are awarded to young Chinese professionals of science and technology who have made outstanding new achievements in scientific research in one of these six fields: mathematical science (including astronomy and mechanics), chemistry, life science, geoscience, engineering science and management science.

**Article Three:** Applicants for these prizes must be citizens of the People's Republic of China under the age of 45 (including 45).

**Article Four:** Applicants for these prizes must have made outstanding new scientific and technological achievements of invention or discovery in the scientific and technological achievements of invention or discovery in the scientific research of their own disciplinary fields, which will realistically promote and generating far-reaching influence on the research and development of their own disciplines.

**Article Five:** Applications for these prizes can be made in either the forms of self-recommendation or recommendation by others. Applicants, either recommended by themselves or by others, should fill two application forms carrying comments made by experts with the title of professor who are in the same disciplinary field.

Article Six: The self-recommendation or recommendation by others must be based on reality. Any cases of plagiarization or falsification, which once are discovered, will lead to the cancellation of the qualification of the applicants concerned for these prizes.

### **Chapter Three: Principles Governing Examination and Appraisal for Awarding These Prizes**

Article Seven: These prizes are awarded on a biennial basis in all the six fields of the sciences defined above.

Article Eight: The number of candidates for these prizes are determined in accordance with the extent of each of the six fields of the sciences concerned. Of the candidates, two are for mathematical science, one for chemistry, three for life science, one for geoscience, three for engineering science and one for management science. In addition, there is one nomination prize in each of the six fields.

Article Nine: In order to maintain the seriousness and authority of these prizes, the examination and appraisal for awarding these prizes are strictly based on relevant standards. If no candidates meet the criteria, prizes concerned may not be awarded.

### **Chapter Four: Institutions Concerning Examination and Appraisal for Awarding These Prizes**

Article Ten: Institutions setting up these prizes are responsible for establishing the Organizing Committee for Examination and Appraisal for Awarding these Prizes, which is in charge of organizing the examination and appraisal.

Article Eleven: subordinate to the Organizing Committee, The General Office for Examination and Appraisal is in charge of handling concrete affairs concerning the examination and appraisal for awarding these prizes under the leadership of the Organizing Committee.

Article Twelve: Committees of Experts for Examination and Appraisal are established with the participation of experts from all the six field of sciences concerned. Each of these committees is responsible for the examination and appraisal for awarding these prizes in line with standards of their own disciplinary fields.

Article Thirteen: Prominent academic authoritative persons from China and prominent foreign scientists of Chinese origin are engaged as advisers to the examination and appraisal for awarding these prizes.

### **Chapter Five: Procedures of Examination and Appraisal for Awarding These Prizes**

Article Fourteen: The General Office of the Organizing Committee for Examination and Appraisal for Awarding these Prizes reviews the documentation of the applicants and the qualified ones will be submitted to the Preliminary Committee for Examination and Appraisal.

Article Fifteen: The Preliminary Committee picks several outstanding applicants and submit the list to the Committee for Reexamination which will make the decision by votes in secret ballot after full discussions. The final list of nominees will be made public after

confirmation and approval by the Organizing Committee.

Article Sixteen: Organizations and individuals may raise their different opinions to the General Office within a month soon as the list of nominees is made public. The postmark is taken as the due time and any overdue submission will not be handled. For individuals, different opinions on the nominees shall be in written forms, providing facts and signed with personal information, including name, employer and address for contact. For organizations, the writing shall be signed with the name of the person-in-charge of the organization and the name of the person to contact. The General Office guarantees to keep the names of the people and organizations who file the different opinions confidential and will not handle with letters unsigned.

Article Seventeen: The General Office will investigate on the nominees who are assessed differently by the public and then submit their opinions to the Organizing Committee. By soliciting opinions from all circles and consulting with the advisors, the Organizing Committee will make the final judge on the nominees from the six fields of the sciences concerned and determine the winners of the Prizes and of the Nomination Prizes.

#### **Chapter Six: Awards from These Prizes**

Article Eighteen: In accordance with results of the examination and appraisal, cups and certificates of honors, and money awards will be granted to the winners of these prizes as well as winners of nomination prizes.

Article Nineteen: Money awards are issued from the Jinhua (Gold Flower) Foundation of "Prizes for Young Scientists of China", which is co-established by All-China Youth Federation and Xi'an Jinhua Enterprises Corporation.

Article Twenty: To publicize the merits of winners, ceremony will be held for awarding the "Prizes for Young Scientists of China."

#### **Chapter Seven: Supplementary Articles**

Article Twenty-One: Each time when the examination and appraisal are conducted for awarding these prizes, concrete plans concerned are worked out in line with the terms defined in this charter.

Article Twenty-two: All-China Youth Federation is responsible for the interpretation of the terms of this charter.

## 第四届“中国青年科学家奖”评审顾问名单

(按姓氏笔画排序)

- |     |                           |
|-----|---------------------------|
| 丁肇中 | 著名物理学家、诺贝尔奖获得者            |
| 王淦昌 | 中国原子能研究院名誉院长              |
| 卢嘉锡 | 全国政协副主席、原中科院副院长           |
| 成思危 | 全国人大副委员长、国家自然科学基金委管理科学部主任 |
| 朱光亚 | 全国政协副主席、原中国工程院院长          |
| 吴阶平 | 全国人大副委员长、中国医学科学院名誉院长      |
| 张存浩 | 国家自然科学基金委员会主任             |
| 杨振宁 | 著名物理学家、诺贝尔奖获得者            |
| 陈省身 | 著名数学家                     |
| 周光召 | 全国人大副委员长、中国科协主席           |
| 唐有祺 | 原国家教委科技委主任                |
| 唐敖庆 | 原国家自然科学基金委员会主任、吉林大学校长     |

# List of Advisors for Examination and Appraisal for Awarding the 4th PYSC

(arranged in the order of the number of strokes in the Chinese surnames)

Chao Chung Ting	Prominent physicist and winner of the 1976 Nobel Prize for Physics
Wang Ganchang	Honorary President of China Atomic Energy Research Institute
Lu Jiaxi	Vice Chairman of the National Committee of the Chinese People's Political Consultative Conference and former vice president of the Chinese Academy of Sciences.
Cheng Siwei	Vice Chairman of the Standing Committee of the National People's Congress and Director of Managerial Science of the China National Natural Science Foundation.
Zhu Guangya	Vice Chairman of the National Committee of the Chinese People's Political Consultative Conference and former president of the Chinese Academy of Engineering
Wu Jieping	Vice Chairman of the Standing Committee of the National People's Congress and honorary president of the Chinese Academy of Medical Sciences
Zhang Cunhao	President of the China National Natural Science foundation.
Chen Ning Yang	Prominent physicist and winner of the 1957 Nobel Prize for Physics
Chen Xingshen	Prominent Mathematician
Zhou Guangzhao	Vice Chairman of the Standing Committee of the National People's Congress and chairman of China Association for Science and Technology
Tang Youqi	Former president of the Committee of Science and Technology under the State Education Commission of China
Tang Aoqing	President of Jilin University and former president of the China National Natural Science Foundation and



# 第四届“中国青年科学家奖”复审委员会名单

(按姓氏笔划排序)

## 数理科学 (含天文、力学)

- |      |               |
|------|---------------|
| 马志明☆ | 中科院应用数学研究所研究员 |
| 王自强  | 中科院力学所研究员     |
| 杨国桢  | 中科院物理所所长      |
| 聂玉昕  | 中科院物理所副所长、研究员 |
| 谷超豪☆ | 复旦大学数学所教授     |
| 贺贤土☆ | 中国工程物理研究所研究员  |
| 赵君亮☆ | 上海天文台台长研究员    |
| 解思深  | 中科院物理研究所研究员   |

## 化 学

- |      |                 |
|------|-----------------|
| 王 夔☆ | 北京医科大学医学院教授     |
| 朱起鹤☆ | 中科院化学所研究员       |
| 倪嘉缵☆ | 中科院长春应用化学研究所研究员 |
| 黄志镗☆ | 中科院化学所研究员       |
| 黄 宪  | 杭州大学化学系教授       |

## 生命科学

- |      |                 |
|------|-----------------|
| 王志新☆ | 中科院生物物理研究所研究员   |
| 王祖望  | 中科院动物研究所研究员     |
| 方智远★ | 中国农科院蔬菜花卉研究所研究员 |
| 汤钊猷★ | 上海医科大学肝癌研究所所长教授 |
| 沈允钢☆ | 中科院上海植物生理所研究员   |
| 傅廷栋★ | 华中农业大学教授        |

## 地球科学

- |      |                    |
|------|--------------------|
| 丛柏林  | 中科院地质所研究员          |
| 刘光鼎☆ | 中科院地球物理所教授         |
| 李传夔  | 中科院古脊椎动物与古人类研究所研究员 |
| 陈 颙☆ | 国家地震局研究员           |
| 袁业立★ | 海洋局第一海洋研究所所长研究员    |
| 汪集旻☆ | 中科院地质所研究员          |