

美国先进科学仪器资助政策发展状况及其特点

投稿时间：2014-06-26 最后修改时间：2014-12-09 [点此下载全文](#)

引用本文：冷伏海, 祝青松. 美国先进科学仪器资助政策发展状况及其特点[J]. 全球科技经济瞭望, 2014, 29(11):26~32

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中文摘要：先进科学仪器对科学研究重大突破所起的关键作用日益凸显，先进科学仪器的创新已经成为推动科技创新的重要支撑。从发展战略与政策、发展重点与布局和基本数据等. 3. 个角度对美国先进科学仪器资助政策的发展状况进行了研究，并且从长期规划、科学目标、优先领域、发展定位、组织模式和管理办法等. 6. 个方面对美国先进科学仪器资助政策进行了分析。期望所做研究和分析，为我国先进科学仪器资助战略和发展规划的制定，提供参考。

中文关键词：美国；先进科学仪器；美国国家科学基金会；资助政策

Analysis on Funding Policy of Advanced Research Instrumentation and Facilities in the U.S. and Its Characteristics

Abstract: Advanced research instrumentation and facilities (ARIF) play increasingly key role for scientific breakthroughs, and ARIF' s innovation has become important support to promote scientific and technological innovation. The paper investigated the ARIF funding policy of United States in three aspects, i. e. development strategies and policies, development priorities and layout, basic statistics. Then the paper analyzed characteristics of the ARIF funding policy six aspects including long-term planning, scientific objectives, priorities, development orientation, organizational models and management practices, aiming provide a reference for our country' s ARIF funding strategy and development planning.

keywords: United States; advanced research instrumentation and facilities; the U.S. National Science Foundation; funding policy

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