

応用物理学会 世界物理年 行動計画概要 (案) 英語版(1版)

**Japan Society of Applied Physics (JSAP)
Actions Plan for “2005 World Year of Physics”**

(Memo by H. Sakaki , Sept. 21, 2004)

JSAP will work closely with Science Council of Japan, Physical Society of Japan, and other related academic societies to celebrate the WYP 2005, by planning and conducting a series of actions so that intellectual charms and technological values of physical sciences and related technology are amply conveyed to the broad public in Japan with particular emphasis on school children and students and their teachers and parents. The major programs listed below will be carried out under the sponsorship of the Japanese Government (MEXT) and corporate donations, that will be arranged by Japan Science Foundation (Nihon Kagaku-Gijutsu Shinko Zaidan) under the chairmanship of Prof. Akito Arima.

The Program consists of the following subprograms

- (1) “Physics-Dialogue” program holds a set of “Special Lectures” in Tokyo and other major cities. This “General Lecture Series” are planned for the public audience with some emphasis on highschool students and their teachers. “Special WYP Commemorative Lecture Series” are also planned for JSAP members. They will take place in the annual JSAP Spring Meeting in Saitama and in the Fall Meeting in Tokushima.
- (2) “Physic-Outreach” program expands our nation-wide activities of “Refreshing Science Classroom project”, in which a series of training courses are given for school teachers to share the spirit of “Have fun with science experiments”. The course is accompanied with class-room demonstrations to children.
- (3) “Physics Exhibits” program intends to show normally-hidden

internal structures of various equipments and instruments, daily used in our society, and their fascinating working principles, to demonstrate both charms and powers of physics. National Museum of Emerging Science and Innovations (MIRAI Can) and several industrial partners will collaborate on this project.

(4) “Physics Contest” project, which have been organized by a group of dedicated specialists on high-school physics education, will be supported by JSAP. This project, headed by Prof. K. Kitahara, will organize a contest, where selected highschool students from all over Japan will get together in Okayama and compete to demonstrate their talents in physics.

(5) Other JSAP Programs include:

(A) Publication program: a set of printing (or video) materials on applied physics will be prepared and distributed. For example, key accomplishments by Japanese scientists in the field of applied physics will be assembled.

(B) Friends of Physics program: a variety of academic foundations and other institutions that have promoted science research and education will be officially acknowledged.

(C) International and National Collaboration programs: The information on our WYP programs will be exchanged and coordination with partners, both domestic and abroad, will be pursued.