

What is the JSAP?

The activities of the Japan Society of Applied Physics (JSAP) are centered on the field of applied physics. An important role of the Society is to act as an academic interface between science and engineering as well as a social interconnection between academia and industry.

Also, the Society can be considered as being a "conduit" for the transfer of fundamental concepts and ideas to industry for development and technological applications. To fulfill this role the JSAP holds two major annual conferences and publishes scientific journals in a wide range of fields. Further, as a contribution to society in general, the JSAP actively sponsors events, symposia, and festivals related to science education and prepares information related to state-of-the-art technology that is accessible to the general public.

Membership

The total membership of the JSAP was 22,887 as of March 1999 with members specializing in physics, applied physics, electronics, chemistry, communications, materials science, metallurgy, and mechanical engineering. About two-thirds of the members are from industry and the rest from academia and government laboratories (Fig. 1).

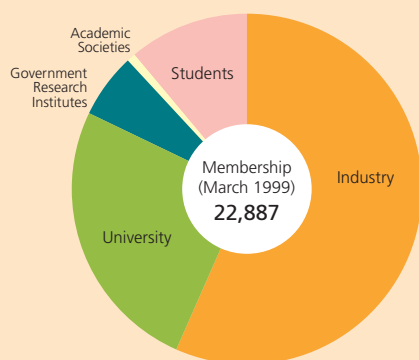


Fig. 1.

Publications

JSAP publishes the monthly journal *Oyo Buturi*, a Japanese-language membership journal containing review articles. The JSAP also publishes a separate English-language journal, the *Japanese Journal of Applied Physics* (JJAP) where Part 1 is published monthly and Part 2 bimonthly. Part 1 is for regular papers, short notes and review papers and Part 2 for letters.

In 1988, 4000 copies each of part 1 and parts 2 were published and more than 800 copies are sent to subscribers in 50 countries. Additional publications of JSAP include proceedings of various international conferences sponsored or cosponsored by JSAP and books in fields related to applied physics. Members receive a discount on these publications.

Academic Meetings

The JSAP holds two national conventions annually where generally one third of the JSAP membership participate. The spring meeting (held in the Tokyo area) usually has about 8000 participants and the autumn meeting (held in other parts of Japan, such as Kobe and Sapporo) approximately 6000. The conventions are held over a period of four days during which about 4000 papers are presented in regular sessions and symposia.

In the future, an English language preview of the titles of papers to be presented at the conventions will be available on the JSAP home page. Furthermore, all the original abstracts (in Japanese) will also be uploaded after the completion of a convention.

International Conferences

The JSAP sponsored more 19 international conferences in the fields of applied physics and related subjects in 1999. International conferences held in 1999 under the sponsorship of or in cooperation with JSAP include a Optical Memory, Liquid Crystals, Solar Cells, Symposium on VLSI Technology, Microprocessing and Nanotechnology, and Solid State Devices and Materials.

Division Activities

JSAP has divisions covering specialized fields. Each division sponsors its own activities, including seminars, tutorial meetings, and publication of newsletters. The divisions that currently exist are

- Education in Applied Physics
- Materials Science and Crystal Technology
- Optics
- Organic Molecular Electronics and Bioelectronics
- Plasma Electronics
- Radiation Science
- Silicon Technology

- Solid State Physics and Applications
- Superconductors
- Thin Film and Surface Physics

Professional activity groups are also organized with JSAP support. These groups hold topical meetings to stimulate the exchange of knowledge and achievement in specific fields.

Awards

The JSAP awards are given to recognize outstanding achievements in the field of applied physics for papers published in JSAP publications: The membership journal *Oyo Buturi* and the *Japanese Journal of Applied Physics* (JJAP). There are awards:

- Award for the best original paper
- Award for the most promising young scientist
- Award for the best review paper

Advantages of JSAP Membership

- Monthly publication *Oyo Buturi* free of charge
- Discount on subscriptions to JJAP Part 1 and 2
- Eligibility to present papers JSAP meetings
- Discount on JSAP-sponsored conference fees
- Access to online archive of backnumbers
- Participate in meetings organized by societies having formal mutual agreements with JSAP (APS, EPS, IEEE/EDS, IEEE/LEOS, IOP, KPS, OSA) at mutual membership rates.

How to join

Eligibility for Membership

An applicant for regular membership should be an individual who has an interest in applied physics. An applicant for student membership should be a full-time undergraduate or graduate student actively involved in research related to applied physics. The admission fees are 2,000YEN for regular members and 1,000YEN for student members and the basic annual subscription fees are 10,000YEN (plus overseas postage) for regular members and 6,000YEN (plus overseas postage) for student members. Those who wish to subscribe to the JJAP are requested to pay 12,000YEN (plus overseas postage for surface mail) in advance in addition to the basic annual subscription fees.

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