

What is “JSAP”?

The activities of JSAP (The Japan Society of Applied Physics) center on the field of applied physics. The Society plays a key dual role by acting as an academic interface between science and engineering and stimulating social interaction between academia and industry.

JSAP has focused most of its energies to date on organising technical meetings and conferences as a means of encouraging mutually beneficial collaboration between researchers working in applied physics.

Update

- (1) The 2008 Spring Meeting was held at College of Science and Technology, Nihon University with 8,837 registered participants and 4,531 presentations.
- (2) The JSAP 2008 Autumn Meeting will be held at Chubu University, Kasugai City, September 2-5.
- (3) JJAP accepts online submission of manuscripts via the JJAP web page: <http://www.ipap.jp/jjap/authors/index.htm>
- (4) ‘The JJAP Editorial Contribution Award’ was established to recognize distinguished contributions as an editor and/or a reviewer of articles for the Japanese Journal of Applied Physics.
- (5) JSAP sponsored 23 international conferences in 2007 including the SSDM, VLSI, 3D-SIC, MNC, ISOM, AM-FPD, ISSM, DPS and PVSEC.

Membership

The total membership of JSAP was 25,007 as of October 2007, with members specialising in physics, applied physics, electronics, chemistry, communications, materials science, metallurgy, and mechanical engineering.

About three-fourth of the members of JSAP are from industry and university, one fourth of members are based mainly in academic institutions and government laboratories.

Publications

JSAP publishes the monthly journal *Oyo Buturi*, a Japanese-language membership journal containing review articles. The JSAP also publishes two periodicals in English, the *Japanese Journal of Applied Physics* (JJAP) and *Applied Physics Express* (APEX). JJAP is dedicated to regular papers, communications and review papers and APEX to letters. Furthermore, submissions judged to have a high impact and as requiring urgent publication, are processed more rapidly and published weekly in APEX. Approximately, 1,250 copies each of JJAP and APEX were printed and distributed in 2007, and more than 600 copies were

despatched to subscribers in 50 countries.

In addition to the above periodicals, JSAP publishes books and the proceedings of various international conferences sponsored or co-sponsored by JSAP in fields related to applied physics. Members receive a discount on these publications.

Academic Meetings

JSAP holds two national conventions annually, in which a third of the JSAP membership generally participates. The Spring meeting (held in the Tokyo area) usually involves about 9,000 participants and the Autumn meeting (held in other parts of Japan) attracts approximately 6,000 participants. The two conventions are held over a period of four days during which about 4,000 papers are presented in regular sessions and symposia.

International Conferences

JSAP sponsored 23 international conferences in the fields of applied physics and related subjects in 2007. In that year, the list of major international conferences held under the sponsorship of, or in cooperation with, JSAP included Nitride Semiconductors, VLSI Technology, Microprocesses and Nanotechnology, Solid State Devices and Materials, Semiconductor Manufacturing, Flatpanel Displays and Devices, Molecular Beam and Optical Memory.

Divisional Activities

JSAP has various divisions that take responsibility for particular subject areas. Each division sponsors activities in its own field of specialisation that include seminars, tutorial meetings, and the publication of newsletters. The divisions that exist currently are

- The Optical Society of Japan
- Radiation Science
- Solid State Physics and Applications
- Thin Film and Surface Physics
- Crystal Science and Technology
- Applied Physics Education
- Superconductivity
- Molecular Electronics and Bioelectronics
- Plasma Electronics
- Silicon Technology

JSAP Awards

Outstanding achievement in the field of applied physics is recognized by the presentation of a ‘JSAP Outstanding Achievement Award’ to individuals who have greatly contributed to the progress of applied physics.

“JSAP Fellow” is presented to individuals who have remarkably contributed to the progress of applied physics through the continuous activities in JSAP.

Awards are also presented to the authors of papers of excellence published in the two main JSAP periodicals, the membership journal (*Oyo Buturi*) and the *Japanese Journal of Applied Physics* (JJAP). There are three awards:

- JJAP Paper Award
- JJAP Young Scientist Award
- Review Paper Award

Benefits of JSAP Membership

- Free copy of the monthly publication *Oyo Buturi*
- Discount on subscriptions to JJAP and APEX
- Eligibility to present papers at JSAP meetings
- Discount on JSAP-sponsored conference fees
- Discount on books and conference proceedings published by JSAP
- Participation in meetings organised by societies with formal reciprocal agreements with JSAP (APS, EPS, IEEE/EDS, IEEE/LEOS, IOP, KPS, OSA) at mutual membership rates

How do you join JSAP?

Eligibility for Membership

An individual applying for regular membership should have an interest in applied physics. An applicant for student membership must be a full-time undergraduate or graduate student actively involved in research related to applied physics.

Membership fees

The registration fee at the two national conventions is 5,000 Yen for a regular member or 3,000 Yen for a student member; and the basic annual subscription fee is 10,000 Yen for regular members and 6,000 Yen for students member. Members wishing to subscribe to the JJAP online version only are requested to pay 12,000 Yen in advance in addition to the basic annual subscription fee.