

In Commemoration of the 75th Anniversary of
the “OYO BUTURI” Journal

Science and Technologies that Support our Lifestyles: Applied Physics Changing the World

75th
Anniversary



Kenjiro Oura (*Osaka University*)

President, the Japan Society of Applied Physics

The origins of the Japan Society of Applied Physics can be traced back to a forum on applied physics (OYO BUTURI DANWAKAI) that was initiated around 1930 by researchers from RIKEN and the University of Tokyo, Faculty of Engineering. The discussions at this forum, which focused on how sciences and technologies could be applied to real-life situations, covered a wide range of fields, including Physics, Electronics, Mechanics, Metallurgy, and Chemistry, and touched on countless interdisciplinary issues as well. It wasn't long before the participants expressed a desire to formally record these discussions in a journal, and the first issue of “OYO BUTURI” (Japanese for “Applied Physics”) was published in July 1932. The Japan Society of Applied Physics (JSAP) was established in 1946, based on the Forum's activities up to that time, and “OYO BUTURI” became the Society's journal. This was the world's first Society (and the world's first Journal) dedicated to applied physics, which combines the fields of physics and engineering.

The JSAP Board of Directors has decided to hold a series of events in 2007 commemorating the 75th Anniversary of the first issue of “OYO BUTURI.” Based on this decision, the Working Committee on 75th Anniversary Events (Committee Chairman: Tatsuyuki Kawakubo)

was established and is currently conducting discussions on

these events. Looking back on the last three quarters of a century, we can see that Japan has played an important role in bringing the academic field of applied physics to the rest of the world, and that this field has made significant contributions to the creation of sciences and technologies that support our daily lifestyles. This is apparent in many aspects of the world around us, including semiconductors, measurement technologies, material sciences, information and communication

technologies, and biosciences. In this 75th Anniversary, we will turn our attention to the coming quarter century, proposing new research themes and raising issues that will present new challenges for researchers in the field of applied physics. At the same time, we will provide information on activities being undertaken at JSAP that contribute to society, promote greater understanding of the importance of related sciences and technologies, and encourage an awareness of the significant role played by the individual researchers who take on these challenges. To achieve these goals, JSAP will conduct the following events and activities.

As further details on the above events and activities become available, we will inform Society members via the JSAP homepage, the Journal, and other media. We welcome any comments and suggestions, and look forward to your active participation.

1 Commemorative events

A series of events, including an exhibition, science classes, lectures, and a commemorative ceremony, will be held over two days, on August 3 (Fri.) and 4 (Sat.), at the Science Museum (Kitanomaru-koen, Tokyo).

2 Creating a Future Vision

JSAP will propose new fields and issues that should be targeted by the Society in the future. At the same time, it will create and “academic road map,” and propose new research fields and integrated fields of study.

3 Applied Physics Archives

JSAP will interview researchers who have achieved outstanding results in the field of Applied Physics, and will make the results of this survey available to the subject.

4 Publication of Special 75th Anniversary Journal

In August 2007, JSAP will publish a Special 75th Anniversary Edition of the “OYO BUTURI” Journal.



Cover of “OYO BUTURI” (Applied physics)
first number published in 1932