

日本放射光学会設立を祝って

日本学術会議会長 近藤 次郎

つくば市の高エネルギー物理学研究所にある放射光実験施設 (SOR) は、1988年度の1年間だけで3000時間も運転して、研究課題の中心になった研究者だけでも300人以上になっている。

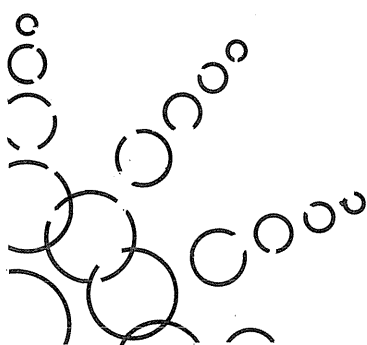
この施設の利用者は単に物理学者だけでなく、化学者も生理学者も含まれ、このほか工学、農学、医学にわたる広い範囲に及んでいる。このように本施設は、全国の科学者の共同利用の大型研究施設のうちで利用効率の極めて高いものである。これは、広い波長領域の強力な光によって、対象となる物体を観察することは、自然科学の研究には強力な手段であるからである。

高良和武教授よりフォトン・ファクトリーの話聞いたのは、1977年、著者が東京大学工学部長の時代であった。設置場所などの関係で本郷構内では実現できなかったが、高良教授の夢はKEKの中で現実のものとなった。

この施設の成功の結果、放射光の利用者は全国的規模で爆発的に拡大して、同様またはこれ以上の放射光施設を設置する機運が全国に広がっている。さらに大型ハドロン計画も日本学術会議の物理学研究連絡委員会から提案されている。

このような情勢に応じて、このたび放射光学を専門とする学会が誕生したことは誠に喜びに堪えない。この学会では、性能および効率の高い放射光施設の設計・製造のための工学的研究やその各分野での利用方法の理論的、実証的研究のための学際的な研究と広汎な情報の交換を行い、さらに新しい研究、応用分野の開拓に役立つことを期待する。

基礎科学の振興が叫ばれている現在、このような先端分野の学会が結成され、その活動を通じて日本の科学の名声を国際的にも確立されるよう心から望む次第である。





UNITED STATES DEPARTMENT OF COMMERCE
National Bureau of Standards
Gaithersburg, Maryland 20899

Prof. K. Kohra, President
Japanese Society of Synchrotron Radiation Research

Dear Prof. Kohra:

I wish to congratulate the many friends of synchrotron radiation research in Japan on the occasion of the formation of the Japanese Society of Synchrotron Radiation Research. It is fitting that the distinction of being the world's first such national organization go to the Japanese, since you have been extremely active in synchrotron radiation research from the very earliest years. I well remember the impact of the extensive research on band structure in solids reported by Prof. Sagawa at the Second International Conference on VUV Radiation Physics in 1968 at Gatlinburg, Tennessee, USA. Those results, obtained in the first years of SR research at INS-SOR, together with research at DESY, began the utilization of synchrotron radiation for solid state physics.

By this message I wish to extend to you not only my congratulations, but also my warm greetings to my many good friends in Japan who will form the charter membership of your new society.

Sincerely,

Robert P. Madden
Director, SURF II

Dear Professor Kohra,

with great pleasure I have received the news that a new scientific society "The Japanese Society of Synchrotron Radiation Research" will be established in April 1988 in order to promote the sciences and technologies related to synchrotron radiation. This foundation certainly sets a proper frame to the Japanese activities in the field of synchrotron radiation which have been growing impressively over the last decade. I am convinced that the new society will help to further connect the interdisciplinary activities in synchrotron radiation research making many efforts more effective.

With best wishes for the success of the society I remain

Yours sincerely

Dr. G. Materlik
Director Hamburger Synchrotronstrahlungslabor HASYLAB

祝 詞 * * * * *



EUROPEAN SYNCHROTRON RADIATION FACILITY
B.P. 220, F-38043 GRENOBLE CEDEX, FRANCE

GREETINGS FROM THE DIRECTOR GENERAL OF THE EUROPEAN SYNCHROTRON
RADIATION FACILITY

It is with special pleasure that I received the news about the creation of 'The Japanese Society of Synchrotron Radiation Research'. The systematic use of Synchrotron Radiation for applications in science and technology is only a little more than 25 years old and I was always deeply impressed by the dedication and enthusiasm this field received from my Japanese colleagues ever since, despite the many severe obstacles in the starting phase. The early and systematic involvement of user groups from Japanese universities and state research institutes on the one hand, and from industrial companies on the other, gave rise to the creation of an impressive number of Synchrotron Radiation centers in your country and assured that Japan always played an important role in international collaboration in this field. I therefore sincerely hope that the new Society will contribute to the evolution of a field of extreme importance for basic research as well as industrial applications. I also hope that the new Society can be instrumental in deepening the good spirit of international collaboration, the basis for friendship between individuals and communities of different origins.

Grenoble, March 7, 1988

Ruprecht HAENSEL

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To. Dr. T. Miyahara

On behalf of the siberian sr centre and personally we have a great pleasure to congratulate you on the occasion of the establishment of the Japanese society of synchrotron radiation reserch. Far in 1964 there appeared in Novosibirsk source of synchrotron radiation the first in Asia storage ring VEP-1. At present owing mainry to the Japanese sr community the Asia is in the realm of synchrotron radiation and in our imagination synchrotron radiation now and sakura branch Fuji become the real symbols of Japan. Our special congraturation to professor K. Kohra, the president of the new society, whose visit to Novosibirsk was a really memorable event. Hoping for a fruitful contacts between the Japanese society of sr reserch and the Siberian sr centre,

Yours sincerely,

A. N. Skrinsky, G. N. Kulipanov

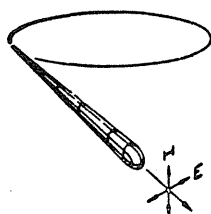
*****祝 詞

To. Dr. T. Miyahara

We have learned that the Japanese society for synchrotron radiation research will be established in April, 1988 with Professor K.Kohra as president. This is fine idea and a good example for other countries. We send our best wishes for the success of the society to president Kohra and all members. We look forward to the journal of the society so that we can keep informed about the impressive activities at present Japanese facilities and the planning for even more powerful future sources.

We recall that Japanese scientists came to SSRL to carry out research with X-Rays before the Photon Factory started operations. Collaborations have grown up and now our scientists benefit greatly by the opportunities to carry out research in Japan. There is much mutual benefit from the sharing of experience with present sources and instrumentation and planning for the future. The personal friendships that have come from these interactions have been most gratifying as well and perhaps a small contribution toward building good relations between our countries.

Arthur Bienenstock and Herman Winick
for the SSRL staff



Synchrotron Radiation Center
University of Wisconsin-Madison

3731 Schneider Drive
Stoughton, WI 53589-3097 (608) 873-6651

Dear Dr. Miyahara:

On behalf of the staff and users of the Synchrotron Radiation Center of the University of Wisconsin-Madison, I would like to extend my congratulations and best-wishes to the Japanese Society of Synchrotron Radiation Research. The existence of the Society attests to the importance of synchrotron-based research in both science and technology. I look forward to the establishment of similar societies in other countries and to the international cooperation which such societies can help foster.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'D L Huber'.

David L. Huber
Director

祝 詞 * * * * *

DARESBURY

LABORATORY

DARESBURY WARRINGTON WA44AD

Telephone: 0925 603000 Direct Line: 0925 603 120

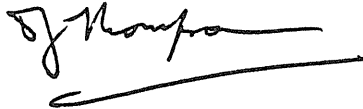
Dear Dr Miyahara

It was with great interest that I learned that a new scientific society - "The Japanese Society of Synchrotron Radiation Research" is to be set up in the near future, and that Professor Kohra is to be its President. This is not surprising in view of the tremendous growth in Synchrotron Radiation activities in Japan, and I am sure it will be an excellent method of improving communication between people with this common interest.

In the UK we value very much our friendship with our Japanese colleagues but it is not always easy to interact as much as one should when on opposite sides of the Earth. If this new Society can in any way help international communications, then that will be an added bonus.

Japanese scientists have made enormous contributions to the sciences and technologies related to Synchrotron Radiation, none more so than Professor Kohra. It gives me great pleasure to send greetings and best wishes from myself and my colleagues at Daresbury to Professor Kohra and to the new Society. May it have a long and fruitful life.

Yours sincerely



D J Thompson
Head of SR Project

***** 祝 詞

LURE

Laboratoire pour l'Utilisation du Rayonnement Electromagnétique



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MEN
CEA

Dear Dr. Miyahara,

We have learned that you are creating "the Japanese Society of Synchrotron Radiation Research".

We would like to congratulate you for that and we strongly support you.

Sincerely,


Y. PETROFF
Director of LURE

MAX-lab
University of Lund

National Electron Accelerator Laboratory for
Nuclear Physics and Synchrotron Radiation Research

Dear Dr Miyahara,

With great pleasure we congratulate you to the establishment of the Japanese Society of Synchrotron Radiation Research. As the synchrotron radiation sources have so many advantages and possibilities, we see many new research fields in which it can be used. Also in those fields where the radiation already has been used a development and expansion is seen. The fast evolution of new types of sources is also very exciting which will expand the possible applications still further. We are convinced that your new society will have much progress in the various developments and wish you great success. We hope that your members in Japan and we in Sweden will have many and close contacts in these fascinating research areas.

Sincerely yours



Bengt Forkman
director of MAX-lab Sweden

祝 詞 * * * * *

To: Dr. T. Miyahara Photon Factory, KEK

Congratulations on the establishment of (The Japanese society of synchrotron radiation research) . I believe this scientific society will promote the development of the sciences and technologies related to synchrotron radiation research not only in Japan, but also in the whole world. My lab (HESYRL) and I am looking forward to hearing more good news on synchrotron radiation research from you and will be happy for every success you get at our this common field.

Sincerely,

Bao Zhong Mou, Director of HESYRL,
Hefei, Anhui, China

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BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

Dear Dr. Miyahara:

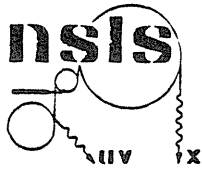
I am delighted to hear of the formation of the Japan Society of Synchrotron Radiation Research. It is most appropriate that such a society should be organized now when synchrotron radiation facilities are in operation and are being built throughout the world. It is especially appropriate that this society be organized in Japan, where pioneering efforts in synchrotron radiation have taken place and where the Photon Factory is one of the world flag-ship facilities for synchrotron radiation.

I look forward to the many publications that will appear in your journals.

Good luck and best wishes.

Sincerely,

M. Blume
Deputy Director



National Synchrotron Light Source

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Dear Dr. Miyahara;

In a recent letter Professor Kohra informed me of the formation of The Japanese Society of Synchrotron Radiation Research. He asked that I send to you my greetings to the society on its inception. Please consider the following:

The staff and Users of the National Synchrotron Light Source send greetings and congratulations to our friends and colleagues on the formation of The Japanese Society of Synchrotron Radiation Research. This society is an important alliance among scientists and engineers from the many disciplines and institutions which have been drawn together by the revolutionary capabilities of synchrotron radiation research. Its formation is a sign of the importance and vitality of our community. We wish you success and good fortune and look forward to the benefits of your society on our research.

I thank you for the opportunity to acknowledge this important event.

Sincerely yours,

Michael L. Knotek, Chairman
National Synchrotron Light Source

祝 詞*****

IHEP

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Synchrotron Radiation has proved to be one of the most important developments in science and technology in recent years. This new source of electromagnetic radiation is useful for basic, applied and developmental researches. Its vital significance is evidenced by the continuing appearance of new dedicated storage rings, efforts in improving beam brightness and raising the photon energy and the exponential increase of the number of publications.

For such a fast-moving and fruitful field of research, to provide an environment for exchange of views and information is indispensable for its further developments. It is very gratifying to learn that The Japanese Society of Synchrotron Radiation Research will be established. I deeply believe that this society, through its various activities, will contribute not only to the synchrotron radiation development in Japan, but also to that of the world.

Sincerely Yours,

Xie Jialin
Xie Jialin

Member, Academia Sinica,
Vice Director, IHEP,
Advisor, leading group BEPC.

Berliner Elektronenspeicherring-Gesellschaft
für Synchrotronstrahlung m.b.H.



Dear Dr. Miyahara,

On behalf of BESSY and its staff it is a pleasure for me to send my best wishes and congratulations for the newly founded Japanese Society of Synchrotron Radiation Research. The history of synchrotron radiation is truly fascinating. It matured in a few decades from an unwanted by-product to a powerful tool in science which is in increasing demand. The establishment of the new scientific society is certainly a noteworthy step and will promote the sciences and technologies related to synchrotron radiation. It is apparent that synchrotron radiation has an assured future for sometime to come as a tool for research in basic and applied science as well as in technology oriented activities.

All the best for the new endeavour.

Sincerely yours,

A handwritten signature in cursive script, which appears to read "Ernst-E. Koch".

Prof. Dr. E.-E. Koch
Scientific Head BESSY
and Fritz-Haber-Institut der
Max-Planck-Gesellschaft