

山崎



**Professor Toshimitsu
Yamazaki**

was born in 1934 and graduated from the University of Tokyo.

His innovation and creativity have produced many new developments in intermediate-energy, nuclear-particle and condensed matter physics.

He pioneered the application of μ SR to solid-state physics, introducing in the late 1970's the zero-field relaxation technique, which is based upon the theoretical treatment of Kubo and Toyabe. This technique has become a distinguishing capability for μ SR and has revolutionized the role of μ SR in condensed matter studies. In addition, his influence has resulted in the spread of the μ SR technique to facilities in North America, Europe and, of course, Japan.

His research activities cover nuclear structure spectroscopy, meson exchange effects in magnetic moments, hypernucleus spectroscopy with stopped kaons, deeply bound pion spectroscopy in nuclear matter, and antiprotonic helium atom spectroscopy.



The Executive Committee of the
International Society for μ SR Spectroscopy
is pleased to announce the call for nominations for

THE 2005 ISMS YAMAZAKI PRIZE FOR μ SR SCIENCE

The \$3000 Toshimitsu Yamazaki prize is made available by ISMS every three years to any scientist for outstanding, sustained work in μ SR science with long-term impact on scientific and/or technical μ SR applications. The 2005 prize will be awarded at a special ceremony at the International Conference on μ SR, to be held in Oxford, UK.

Nominations for the prize will be considered by a Selection Committee which consists of the President and three Vice Presidents of the ISMS, together with authorities representing the major scientific disciplines to which μ SR contributes. The Committee includes acknowledged experts both inside and outside the μ SR community.

Nominations for the 2005 ISMS Toshimitsu Yamazaki Prize may be submitted by scientists as individuals or on behalf of a Group. To establish a high standard it is necessary that the Committee receive nominations that demonstrate a sustained, long-term impact on particular fields of science using μ SR and/or on substantial development of innovative μ SR-related techniques or technology. Nominations should include a cover letter describing the motivation for the award, a brief curriculum vitae of the nominee and a short list of major, relevant publications. At least two additional supporting letters of recommendation should be included. Nominations will be treated in confidence, and will be acknowledged, but no further communication from the Selection Committee will be sent.

Nominations should be sent before February 28th, 2005, to the Chairman of the Selection Committee:

Dr. Robert H. Heffner, President ISMS
MS K764, Los Alamos National Laboratory
Los Alamos, NM 87545 USA
Telephone: +1 505 667 4838
Fax: +1 505 665 7652
Email: heffner@lanl.gov