

EDITORIAL

CHANGING OF THE GUARDS

From the first publication of the Rigaku Journal in July 1984, most of the editorial works were done by its original Chief Editor, Mr. Watanabe. Mr. Watanabe retired from Rigaku last year, and we would like to thank him for his excellent contributions to the Journal in the past 19 years.

To better serve the X-ray analysis community in general and Rigaku product users in particular, we have made the following changes to the Rigaku Journal.

The articles will be published in four categories: 1. Crystal Structures; 2. Powder Diffraction and Thin Films; 3. X-ray fluorescence; and 4. X-ray instrumentation. Scientists and Engineers working in X-ray and crystallographic fields are welcome to submit the results of their works to the appropriate editors for possible publication in the Rigaku Journal. There is no page charges to the authors, and the Rigaku Journal is published twice a year in May and in November.

To improve the quality of the journal, the journal editorial staff has been reorganized as follows:

Editor-in-Chief

Dr. Jimpei Harada is a Senior Vice President and the Director of X-ray Research Laboratory of the Rigaku Corporation. He obtained a Ph.D. degree from Tokyo Institute of Technology in 1964. Dr. Harada was a Research Fellow at Melbourne University of Australia from 1964 to 1968 and a Senior Researcher at Brookhaven National Laboratory of USA from 1968 to 1970. In 1970 he returned to Japan and joined Nagoya University as an Associate Professor and became a Full Professor in 1979. He retired from Nagoya University in 1994 and is now a Professor Emeritus.



Dr. Harada is very active and made many significant contributions to the X-ray and crystallographic communities. Most noticeably, he served as a member on the Executive Committee of International Union of Crystallography from 1990 to 1996 and the President of the Crystallographic Society of Japan in 1996/1997.

Associate Editor-in-Chief

Dr. Ting C. Huang is a Research Staff Member Emeritus of IBM Almaden Research Center at San Jose, CA, USA. He obtained a Ph.D. degree from Polytechnic Institute of Brooklyn in 1972. He worked at IBM starting 1972 and retired in 1997. He is now serving as the Editor-in-Chief for the *Powder Diffraction Journal* and *Advances in X-ray Analysis*. He also served as a Co-editor of the *Journal of Applied Crystallography* from 1992 to 2002. Dr. Huang is the Co-Chairman of the Denver X-ray Conference and a Fellow of the International Centre for Diffraction Data.



Dr. Huang has published over 160 scientific papers and received many awards including a German Alexander von Humboldt Award for Senior U.S. Scientists in recognition of his scien-

tific achievement in X-ray diffraction research in 1992. He is now a Senior Advisor for the Rigaku Corporation.

Editor for Crystal Structures

Dr. Joseph D. Ferrara received a Ph.D. degree from Case Western Reserve University. He joined MSC, which was acquired by Rigaku/USA and later became Rigaku/MSC, in 1988. Dr. Ferrara is presently the Vice President of Product Marketing for Single Crystal X-ray Diffraction and the Chief Science Officer. He also holds an appointment with the X-ray Research Laboratory of Rigaku in Tokyo as a Deputy Director.



Dr. Ferrara is presently directly involved in the design, development and application of single crystal X-ray diffraction equipment for Rigaku including X-ray generators, optics, detectors, automation and software. His group is currently studying the de novo structure solution of macromolecules using Cr radiation. This work is being done in collaboration with Professor B. C. Wang at the University of Georgia.

Editor for Powder Diffraction and Thin Films

Dr. Tomas Blanton is a Research Associate at Eastman Kodak Co., Rochester, New York, and has been involved in the field of X-ray powder diffraction for over 20 years. He is also an Associate Lecturer at the University of Rochester, Department of Mechanical Engineering.



In addition to conventional XRD techniques, his interests include the use of pole figure analysis, in situ high-temperature XRD, and synchrotron radiation for materials analysis. Tom is an International Centre for Diffraction Data Fellow and is active with the ICDD educational programs, most recently completing successful Grants-in-Aid workshops held in Lviv, Ukraine and Nova Friburgo, Brazil. Dr. Blanton served as a Special Editor for the special section on New X-ray Optics of the June 2002 issue of the *Powder Diffraction* journal.

Editor for X-ray Fluorescence

Dr. Michael K. Mantler is a Professor at the Institute of Solid State Physics of Vienna University of Technology. He enjoys teaching general physics as well as, at a more advanced level, analytical physics, X-ray analytical methods, and computing in physics.



For many years Dr. Mantler's research includes methodological developments in X-ray analysis, particularly of mathematical and computational methods. Dr. Mantler received the Birks Award from the Denver X-ray Conference in 2002.

Managing Editor

Mr. Kenichi Yaoita received a Master degree in Physics from Keio University, Yokohama, Japan in 1989. He became a Research Fellow at National Institute of Inorganic Materials, Tsukuba from 1991 to 1994. He constructed angle-dispersive diffraction systems and cubic-anvil high-pressure apparatuses at Photo Factory, KEK, Tsukuba and conducted high-pressure diffraction studies on liquid metals. Mr. Yaoita became a research student at the Institute of Solid State Physics of the University of Tokyo from 1994 to 1997. He joined the Rigaku Co. and conducted SAXA study of glassy ma-



terials formed from supercooled liquids in 1998. Since 1999 he has become an assistant research coordinator and the Chief Librarian of the Rigaku X-ray Research Laboratory.

As the Managing Editor, Mr. Yaoita is taking on additional responsibilities. He is responsible for nontechnical matter for the *Rigaku Journal* and for communication with the printer. All final manuscripts after being accepted for publication will be forwarded to him to be prepared for records and for final transfer to the printer for processing and printing. Should the Managing Editor find that he needs more information or better prepared materials (such as figures and references) from the authors in order to proceed, he will get in touch with the corresponding authors directly.

We strongly urge X-ray scientists and crystallographers especially those who use Rigaku's products to submit results of their works to the appropriated editors listed above for possible publication in the Rigaku Journal. Papers related to X-ray instrumentation can be submitted either to the Editor-in Chief, Dr. Harada, or to the Associate Editor-in-Chief, Dr. Huang. (*Notes for authors* are printed in this issue.)

The Rigaku Journal is unique that it is free to all readers without charge. At the time when international renowned companies such as Siemens and Philips abandoned their X-ray manufacturing business, Rigaku remains firm and committed deeper into X-rays. To improve the Rigaku Journal is just one of Rigaku's commitments and contributions to the X-ray and Crystallography communities.

Dr. Jimpei Harada
Editor-in-Chief

Dr. Ting C. Huang
Associate Editor-in-Chief