



The Case for International Sharing of Scientific Data: A Focus on Developing Countries

An International Symposium

John Rumble

Dr. John Rumble has 26 years of experience managing scientific data organizations. Before joining Ila, he has had nearly a quarter of a century of service with the National Institute of Standards and Technology (NIST). Rumble's expertise in scientific data management and scientific informatics, as well as his broad scientific background, expands the company's breadth of experience and knowledge in managing scientific and technical information.

At NIST, Rumble led development of scientific and technical database standards, including an international standard for industrial data exchange. Also under his leadership, NIST produced and sold more than 70 PC databases of scientific information, generating millions of dollars of annual revenue. Dr. Rumble led NIST into the Internet and Web eras with the release of over 25 online data systems in virtually every area of science and engineering. When he left NIST, Rumble had oversight of direct customer service throughout the world as Chief of the NIST Measurement Services Division. The Division provides fee-based services to make instruments and measurements directly traceable to the fundamental units. It also provides critically evaluated databases in many areas of science and technology.

In 1996, he was elected to the Executive Committee of International CODATA (Committee on Data for Science and Technology), which represents the national academies of the world. Rumble is now Past-President of CODATA following the completion of a four-year term as President in 2002.

In addition to his service to CODATA, Dr. Rumble is a Fellow of the American Society for Testing and Materials, a Fellow of ASM International, a member of the Russian Federation Academy of Metrology, a Fellow of the International Union of Pure and Applied Chemistry, and recipient of the U.S. Department of Commerce Silver Medal. In 1993–94, Rumble was a Department of Commerce Fellow working in the Office of Science and Technology Policy in the Executive Office of the President. He has written and lectured extensively on scientific data management. Dr. Rumble holds a Ph.D. in chemical physics from Indiana University. Prior to doing research in computational chemistry, he was an analytical chemist for two years.