
History of Japan-U.S./High Pressure Mineral Physics Seminars: 1976 to 2012

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Abstract

Under the auspices of the U.S.-Japan Cooperative Science Program between the U. S. National Science Foundation and the Japan Society for the Promotion of Science, the first U.S.-Japan joint seminar on High Pressure Research Applications in Geophysics was held in Honolulu, Hawaii, 5-8 July 1976 and was attended by 47 scientists. Originated as bilateral U.S.-Japan seminars on high-pressure research applications in geophysics by Murli Manghani and Syun-iti Akimoto, this series continued at 5-year intervals under those auspices from 1976 to 1996 [1981 in Hakone, Japan 1986 in Turtle Bay, Hawaii, 1991 in Ise, Japan, and 1996 in Maui, Hawaii], with venues alternating between Hawaii and Japan. In the 21st century, as a result of growing international interest in high-pressure mineral physics, the seminar series was re-envisioned with a broader focus than the original US-Japan bilateral series. The first of the new meetings entitled "High Pressure Mineral Physics Seminars" [HPMP-6] took place in Verbania, Italy on August 26-31, 2002. More than 84 scientists from Asia, Australia, the Americas and Europe attended. HPMP-7 took place in Matsushima, Japan on May 8-12, 2007 and was attended by 134 scientists from throughout the world. In this paper, we review this history culminating with the HPMP-8 at Lake Tahoe, California in July 2012, which was held jointly with the Annual Meeting of COMPRES: Consortium for Materials Properties Research in Earth Sciences.

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