

Prof. Hitoshi Takeuchi memorial lecture - Prof. H. Takeuchi's contribution on Frontier of Earth and Planetary Science -

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Hitoshi Takeuchi, professor emeritus at the University of Tokyo, passed away on 20 April 2004. He was a representative geophysicist of Japan and carried out many outstanding researches concerning Earth and Planetary Science. He was not only a top scientist but also a respected educator. After his retirement from the University of Tokyo, he launched a new science magazine Newton and he had been the editor in chief until his demise. In Newton, we can see many colorful and imaginative photographs and images which inspired many of us. This shows his great foresight as to the value of imaging at Earth Science. In this session, we would like to pursue the contribution and achievement by Prof. Hitoshi Takeuchi and to discuss the role and possibility of imaging for the future in Earth and Planetary Science.

In this lecture, we will invite Dr. Hitoshi Mizutani, professor emeritus at JAXA, who was one of the first student of Prof. Takeuchi.

In this lecture, Prof. Mizutani will describe some important contributions among various research topics which Prof. Takeuchi tackled on. These will include theory of Earth tide, theory of free oscillation of the Earth, theory of mantle convection, theory of geomagnetic dynamo, and theory of accretion process of the Moon. These contributions will be described along historical development of Geophysics.