

Title **TiO<sub>2</sub> Photocatalysis  
– Present Situation and Future Approach**

Speaker Dr. Akira FUJISHIMA  
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Date & Time Friday, April 15, 2011 4:00p.m.

Place INAMORI Hall, Ito campus, Kyushu University

#### Abstract

During the past decades, we have been focusing on unique and effective photocatalytic technologies based on TiO<sub>2</sub> which exhibit superhydrophilicity and oxidation decomposition for organic materials utilizing UV illumination to maintain various types of surfaces in our daily life clean and for many other applications.

In this lecture, I will introduce the TiO<sub>2</sub> photocatalysis and the future direction.

#### About the Speaker

Professor Fujishima was born in 1942 in Tokyo. He received his Ph.D. in Applied Chemistry at the University of Tokyo in 1971. He taught at Kanagawa University for four years and then moved to the University of Tokyo, where he became a Professor in 1986. In 2003, he retired from this position and took on the position of Chairman at the Kanagawa Academy of Science and Technology. From 1st of January 2010, he became President of Tokyo University of Science. His main interests are in photocatalysis, photo-electrochemistry and diamond electrochemistry.

Host: Professor Chihaya ADACHI

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