

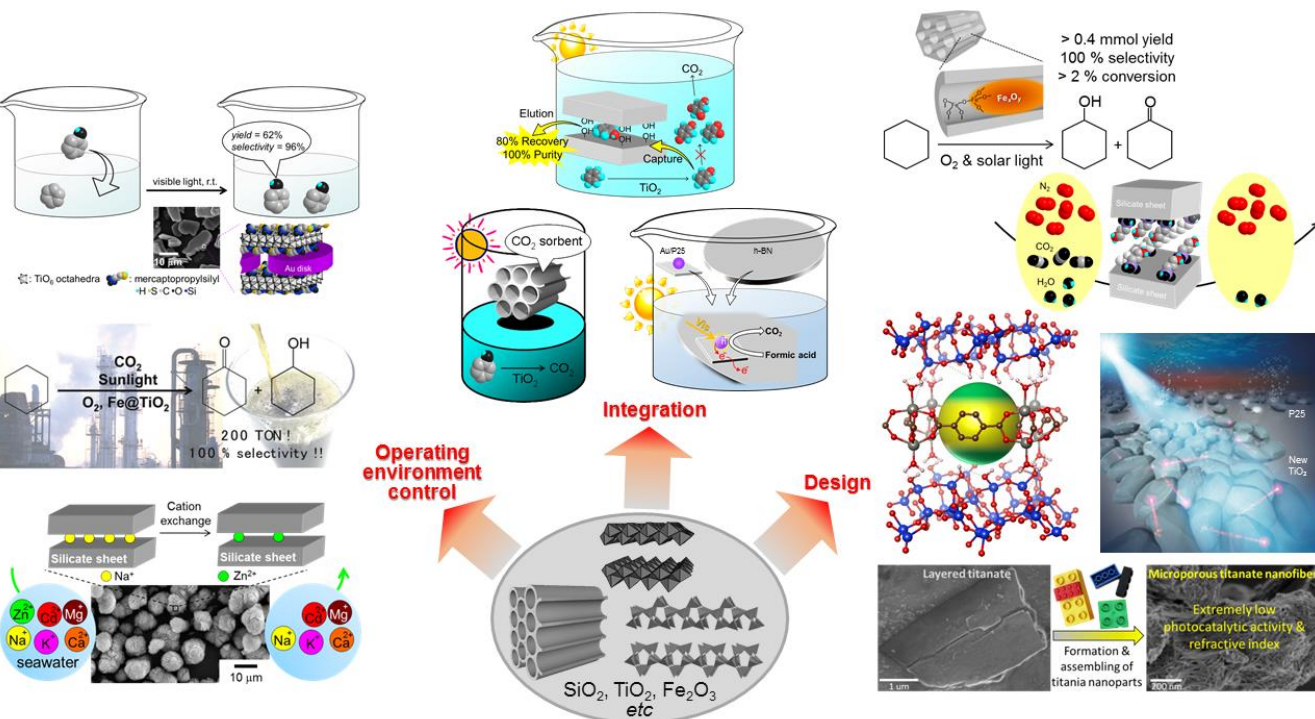
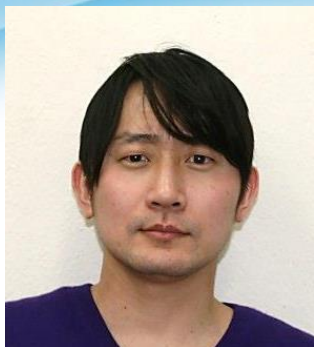
Spectroscopy and Photoscience Lectures

Prof. Yusuke Ide, Senior researcher
National Institute for Materials Science (NIMS)
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Title: **Smart functionalization of SiO₂ and TiO₂**

Time: 2016/10/27, 14:40–15:40

Place: Rm. 5133



Abstract: In the field of materials chemistry, extensive effort has been spent synthesizing high-performance materials that often rely on noble and precious metals. We focus on the design and development of new materials and operating environments to attain these high performances (in separation, photocatalysis, UV shielding, and so on), but using cheap and Earth abundant materials like SiO₂ and TiO₂. In this presentation, I will introduce examples of these studies.

High performances even on cheap and abundant materials depending how they are used!!

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