



# 第213回触媒化学研究センター談話会

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**講演者：蔡 福裕 先生**

(國立台北科技大學有機高分子研究所・助教授・台灣)

**演 題：Carbon-Carbon Bond Formation  
Reactions Catalyzed by Nanosized MCM-41-Pd**

**要 旨：**The Palladium(II) bipyridyl complex was grafted onto nanosized MCM-41 to be a recyclable and highly efficient heterogeneous catalyst. Several carbon-carbon bond formation reactions catalyzed by the nanosized MCM-41-Pd were presented and discussed in this talk.

**講演者：謝 宜芳 研究員**

(中央研究院化學研究所・研究員・台灣)

**演 題：Preparation and Photoactivity of  
Nanostructured TiO<sub>2</sub> and Application for Dye-  
sensitized Solar Cells**

**要 旨：**The titanium dioxide was prepared by sol-hydrothermal treatment. Hydrolysis of titanium *n*-butoxide in acetic acid solution led to the formation of nanostructured titanium dioxide. This nanomaterial was used to apply in the studies of photocatalysis and dye-sensitized solar cells.

**日 時：2007年2月1日(木)**

**15:00 - 17:00**

**会 場：北海道大學創成科學研究棟**

**5階 大會議室**

《連絡先》触媒化学研究センター有機合成触媒分野

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