**Novel Photocatalysts for Environmental Purification and Energy Generation**

**INVITED LECTURES:**

**Prof. Ryu Abe**
“Visible-light-responsive photocatalysts for solar hydrogen production”
Kyoto University, Kyoto, Japan

**Prof. Kiyotaka Asakura**
“Time resolved X-ray absorption spectroscopic approach to the change of the structure and electronic state for WO₃ in the light absorption process”
Hokkaido University, Sapporo, Japan

**Prof. Osamu Ishitani**
“Highly efficient photocatalysts for CO₂ reduction”
Tokyo Institute of Technology, Tokyo, Japan

**Dr. Marcin Janczarek**
“UV/vis photocatalysis for wastewater treatment”
Gdansk University of Technology, Gdansk, Poland

**Prof. Antoni W. Morawski**
“Progress in application of TiO₂ photocatalysts for environmental problems”
West Pomeranian University of Technology, Szczecin, Poland

**Prof. Bunsho Ohtani**
“Visible light-active rhodium-modified titania working through built-in redox mediator mechanism”
Hokkaido University, Sapporo, Japan

**Prof. Sven Rau**
“Tuning of an intramolecular photocatalyst for light-driven hydrogen production”
Ulm University of Technology, Ulm, Germany

**Prof. Hynd Remita**
“Surface modification of TiO₂ by metal clusters induced by radiolysis for application in photocatalysis”
University of Paris-Sud, Orsay, France

**Prof. Tetsu Tatsuma**
“Localized Surface Plasmon Resonance and photocatalysis”
University of Tokyo, Tokyo, Japan

**Prof. Adriana Zaleska**
“Surface properties and photocatalytic activity of semiconductor composites”
Gdansk University, Gdansk, Poland

**Venue:** CRC, Hokkaido University, Sousei building
Oral presentations and registration: 5th floor, conference room (05-213)
Poster presentations: Science plaza, 2nd floor

**PROGRAM:**
9:00~ Registration
9:55~10:00 Opening Remark
10:00~12:00 Lectures
12:00~14:00 Lunch break
14:00~16:00 Lectures
16:00~16:15 Coffee break
16:15~18:00 Lectures
18:00~ Poster session with banquet

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