



## **The 3rd Congress of Tsukuba 3E Forum**

### **Tsukuba International Conference Center, Tsukuba**

### **8 August 2009**

**The International Symposium on Algal Fuel Researches** will be held on 8 August combined with symposium on Tsukuba Style for Environmental Model City and as a satellite symposium of **the 9th International Phycological Congress** to be held in Tokyo at August 2-8, this year, and as a part of the activities of **the Tsukuba 3E (Energy, Environment and Economy) Forum** organized by University of Tsukuba, National Research Institutes, City of Tsukuba and Ibaraki Prefecture. Objectives of the congress will be 1) to exchange opinions on the Tsukuba Style Action Plan for realize Environmental Model City, and 2) to deepen public understanding of algal fuel.

#### **10:00-13:30 Tsukuba Style Action Plan for Environmental Model City**

Conveners: Hisashi Okada and Taku Honiden (Tsukuba city office)

In March, the City of Tsukuba released a preliminary version of the Tsukuba Style Action Plan for realizing Environmental Model City in Tsukuba. The Plan would be approved by the Mayor by the end of July. In this symposium, we will discuss together with citizen about what we should do to realize the Tsukuba Style.

#### **13:30-18:00 International symposium of algal fuel researches**

Conveners: Isao Inouye and Makoto M. Watanabe (Univ. Tsukuba)

The objective of the symposium is to exchange information on algal fuel researches of USA, EU, Australia, Korea and Japan and to survey the possibility of future international research collaboration.

13:30-14:00 Prof. R. Wijffels (Wageningen Univ. Netherland)  
Microalgae for production of Bulk Chemicals and Biofuels

14:00-14:30 Prof. B. Willson (Colorado State Univ. USA)  
Large-Scale Production of Microalgae for Biofuels

14:30-15:00 Prof. K. Kaya (Univ. Tsukuba, Japan)  
Possibility of Algal Lipids as Industrial Ingredients

15:00-15:20 Coffee Break

15:20-15:50 Dr. S. Blackburn (CSIRO, Australia)  
Challenges and Opportunities for Biodiesel from Algae: Approaches by CSIRO, Australia

15:50-16:20 Prof. J-W. Yang (KAIST ,Korea)  
Algal Fuel Research in Korea

16:20-16:50 Dr. J .C. Yang (U.S. Department of Energy ,USA)  
Biofuels Research and Development: An Overview of the U.S. Department of Energy Office of Biomass Program

16:50-17:40 General Discussion (Chair: Prof. M. M. Watanabe Univ. Tsukuba)

18:00- Banquet