

# Role of natural and artificial photosynthesis in sustainable energy development

Chair: A.L. Moore (Tempe AZ, USA)

## Invited Lectures:

### **The Photosystem II reaction centre of *Acaryochloris marina*, a predominantly chlorophyll d containing cyanobacterium**

A. Telfer<sup>1</sup>, M. Chen<sup>2</sup>, A. Pascal<sup>3</sup>, A.W.D. Larkum<sup>2</sup>, J. Barber<sup>1</sup> (<sup>1</sup>London, GBR; <sup>2</sup>Sydney, AUS; <sup>3</sup>Gif-sur-Yvette, FRA)

### **Biomimicking photochemical reactions in artificial photosynthetic systems**

A. Magnuson<sup>1</sup>, N. Shaikh<sup>1</sup>, O. Johansson<sup>2</sup>, M. Borgström<sup>1</sup>, J. Höglblom<sup>3</sup>, W. Shi<sup>1</sup>, P. Huang<sup>1</sup>, R. Lomoth<sup>1</sup>, M. Anderlund<sup>2</sup>, L. Sun<sup>2</sup>, L. Hammarström<sup>1</sup>, S. Styring<sup>1</sup> (<sup>1</sup>Uppsala, SWE; <sup>2</sup>Stockholm, SWE; <sup>3</sup>Lund, SWE)

### **Biomimetic models of Photosystem II driven by Ruthenium complexes**

F. Lachaud<sup>1</sup>, A. Quaranta<sup>2</sup>, Y. Pellegrin<sup>1</sup>, P. Dorlet<sup>1</sup>, M.-F. Charlot<sup>1</sup>, S. Un<sup>2</sup>, W. Leibl<sup>2</sup>, A. Aukauloo<sup>1</sup> (<sup>1</sup>Orsay, FRA; <sup>2</sup>Gif-sur-Yvette, FRA)

### **Bioinspired energy conversion schemes**

M. Hambourger, D. Gust, T. Moore, A.L. Moore (Tempe AZ, USA)

### **The photochemistry of novel flavin-based photoreceptors**

J. Kennis (Amsterdam, NED)