International Symposium

Toward the use of atmospheric CO₂ - from photosynthesis to biorefinery

November 8, 2013

Yayoi Auditorium, Ichijo Hall, The University of Tokyo

Organized by NC-CARP and JST CREST / PRESTO

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Program

- 9:30-9:35 Opening address; Akira Isogai
  Research Supervisor of CREST/PRESTO,
  Nara Institute of Science and Technology

- 9:35-10:15 Minimizing CO₂ emissions from transportation fuels by maximizing efficient production of biofuels
  Chris Somerville, University of California

- 10:15-10:55 The Biorefining Story: Progress in the commercialization of biomass-to-fuels and chemicals-a Forest Products Perspective
  Jack N. Saddler, University of British Columbia

- 10:55-11:20 Regulation of photosynthetic electron transport
  Toshiharu Shikanai, Kyoto University

- 11:20-11:45 Improving growth and environmental stress tolerance of plants by molecular engineering
  Shigeru Shigeoka, Kinki University

- 13:00-13:40 How can biotechnology increase biomass production?
  Dirk Inzé, VIB

  Stephen Long, University of Illinois

- 14:20-14:45 Modeling of field transcriptomes: from prediction toward designing
  Atsushi J. Nagano, Kyoto University

- 14:45-15:10 Genomics-assisted breeding for sorghum improvement
  Takashi Shizuka, Nagoya University

- 15:10-15:55 Development of microbial cell factories for biorefineries
  Akhiko Kondo, Kobe University

- 15:55-16:35 Direct conversion of carbon dioxide to fuels and chemicals
  James Liao, University of California

- 16:35-16:40 Closing remarks; Hiroo Fukuda
  Head of NC-CARP, The University of Tokyo

Admission free
No advance registration required
Language: English

Access
One-min. walk from Todaaimae Station (Namboku Subway Line)
Eight-min. walk from Nezu Station (Chiyoda Subway Line)