

International Symposium

Toward the use of atmospheric CO₂ - from photosynthesis to biorefinery

November 8, 2013

Date

Venue

Yayoi Auditorium, Ichijo Hall, The University of Tokyo



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
- 13:40-14:20
**Achieving greater crop efficiency in CO₂ use. A key
factor for acceptable land use in bioenergy production.**
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 Sazuka, Nagoya University
- 15:30-15:55
**Development of microbial cell factories for
biorefineries**
Akihiko 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 ◀

Organized by NC-CARP and JST CREST / PRESTO



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Network of Centers of Carbon Dioxide Resource Studies in Plants (NC-CARP)



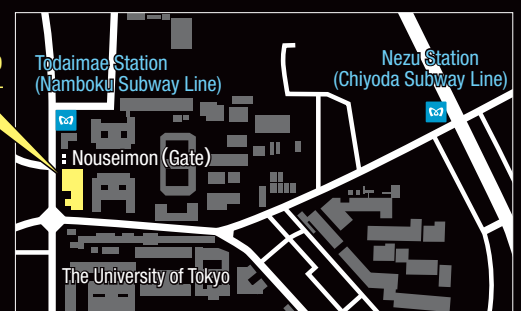
独立行政法人
科学技術振興機構
Japan Science and Technology Agency

Yayoi Auditorium,
Ichijo Hall, The University of Tokyo

Access

One-min. walk from Todaimae Station
(Namboku Subway Line)

Eight-min. walk from Nezu Station
(Chiyoda Subway Line)



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