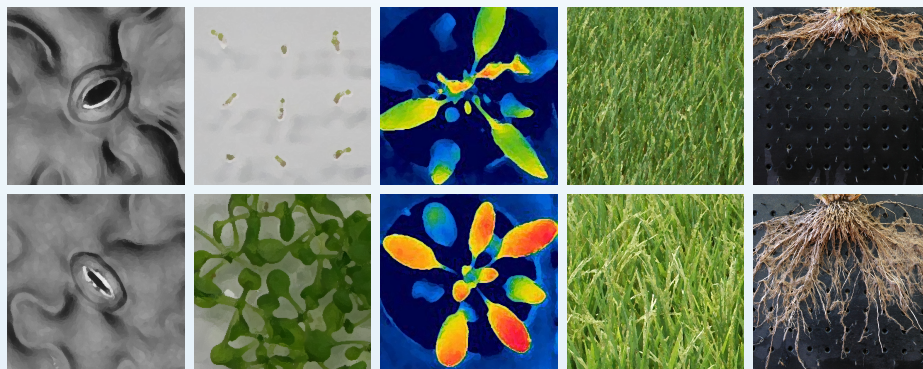


International Workshop on Plant Water Stress Responses and Water-Use Efficiency

November 26, 2014 (Wed)
10:00 - 17:30

YAYOI AUDITORIUM
ICHIJO HALL
Faculty of Agriculture
The University of Tokyo
1-1-1 Yayoi, Bunkyo-ku,
Tokyo, Japan



FREE ADMISSION

10:00 *Opening Remarks* Kazuo Shinozaki (RIKEN CSRS)

Session I: Stomata regulation and sensing

- 10:15 **Julian Schroeder** (UCSD)
Stomatal abscisic acid signaling specificity and atmospheric CO₂ transpiration regulation
- 11:00 **Toshinori Kinoshita** (Nagoya Univ.)
Manipulations of stomatal aperture have effect on plant growth or drought resistant in Arabidopsis
- 11:30 **Kazuko Yamaguchi-Shinozaki** (The Univ. Tokyo)
Regulatory networks for osmotic and heat stress sensing and response in plants
- 12:00 *Lunch Time*

Session II: Hormone regulation and signaling

- 13:15 **Erwin Grill** (TUM)
Modulation of abscisic acid signaling and water consumption
- 14:00 **Lam-Son Phan Tran** (RIKEN CSRS)
Cytokinin and cytokinin signaling in plant adaptation to drought and salt stress
- 14:30 **Kazuo Shinozaki** (RIKEN CSRS)
Regulation of abscisic acid network for the improvement of water use efficiency and drought tolerance
- 15:00 *Break*

Session III: Crop stress tolerance and roots

- 15:30 **Mark Tester** (KAUST)
Maintenance of water use and water use efficiency for salinity tolerance
- 16:15 **Yusaku Uga** (NIAS)
Genetic control of root system architecture improves drought avoidance in rice
- 16:45 **Kazuo Nakashima** (JIRCAS)
Genetic improvement toward enhancing drought tolerance and water use efficiency in rice
- 17:15 *Closing Remarks* Kazuko Yamaguchi-Shinozaki (The Univ. Tokyo)



<http://waterstress.riken.jp/>

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