

## CIGR Workshop General Session

Sunday, 3<sup>rd</sup> September (Room B (2F Meeting Room)) 14:45-16:00

**Chair: Dr. E. Baeza (Wageningen UR)**

- CIGR-GS1      Artificial rainfall experiments by liquid carbon dioxide at Karatsu in Saga and Saijo in Ehime  
*Taichi Maki<sup>1</sup>, Koji Nishiyama<sup>2</sup>, Osamu Morita<sup>3</sup>, Yoshinori Suzuki<sup>4</sup> and Kenji Wakimizu<sup>5</sup>*  
(1. Professor Emeritus, Kyushu University, Fukuoka, Japan; 2. Faculty of Engineering, Kyushu University, Fukuoka, Japan; 3. Research Institute for Water Cycle and Ecosystem Restoration, Fukuoka University, Fukuoka, Japan; 4. Professor Emeritus, Kyushu University, Fukuoka, Japan; 5. Faculty of Agriculture, Kyushu University, Fukuoka, Japan)
- CIGR-GS2      Effect of Vacuum Breaker on Yield of Oriental Melon and Environment in Single-span Plastic Greenhouse with Roof Ventilation Fans  
*In-ho Yu\*, Myeong-Whan Cho, Hee-Ryong Ryu, Young-An Shin*  
(Protected Horticulture Research Institute, National Institute of Horticultural & Herbal Science, Rural Development Administration, Haman, Rep. of Korea)
- CIGR-GS3      Phosphoinositides in Rice Pollen Grains Associated with Spikelet Fertility  
*Hiroshi Wada\*<sup>1</sup>, Taiken Nakashima<sup>2</sup>, Makoto Hakata<sup>1</sup>, Yuto Hatakeyama<sup>1</sup>, Keisuke Nakata<sup>3</sup>, Hiroshi Nonami<sup>3</sup>, Rosa Erra-Balsells<sup>4</sup>, Kenzo Hiraoka<sup>5</sup>, and Hiroshi Nakano<sup>1</sup>*  
(1. Kyushu Okinawa Agricultural Research Center, National Agriculture and Food Research Organization (NARO), Chikugo, Japan; 2. Faculty of Agriculture, Hokkaido University, Sapporo, Japan; 3. Faculty of Agriculture, Ehime University, Matsuyama, Japan; 4. Department of Organic Chemistry, University of Buenos Aires, Buenos Aires, Argentina; 5. Clean Energy Research Center, University of Yamanashi, Kofu, Japan)
- CIGR-GS4      The role of cytoplasmic streaming in osmotic adjustment in tomato trichome cells under water stress  
*Keisuke Nakata\*<sup>1</sup>, Hiroshi Wada<sup>2</sup>, Yayoi Onda<sup>1</sup>, Rosa Erra-Balsells<sup>3</sup>, and Hiroshi Nonami<sup>1</sup>*  
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CIGR-GS5

Closed Plant Factory in Controlled Ecological Life Support System in Space

*Yoshiaki Kitaya\*<sup>1</sup>, Hiroaki Hirai<sup>1</sup>, Ryosuke Endo<sup>1</sup>, Toshio Shibuya<sup>1</sup>*

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