

Joint International Conference on The 8th ICMAP & The 9th ISFM

January 17-20, 2021 | Online Conference

[TA4] Plasma Agriculture	
Date / Time	January 19 (Tue.), 2021 / 16:30-18:10
Place	Channel A
Session Chair(s)	Katsuyuki Takahashi (Iwate Univ., Japan)

[TA4-1]

16:30-16:50

Elimination Effect of Airborne Fungi Using Dielectric Barrier Discharges Driven by a Pulsed Power Generator

Takuto Kikuchi¹, Alexis Guionet¹, Katsuyuki Takahashi¹, Koichi Takaki¹, Shinji Ishida², and Tatsuya Terazawa²

¹Iwate Univ., Japan, ²Energy Support Corp., Japan

[TA4-2] Invited

16:50-17:20

Air Discharge Over Water: Generation, Process, and PAW Reactivity

Dongping Liu

Dalian Univ. of Tech., China

[TA4-3]

17:20-17:40

Plasma Activated Water Increases Growth and Potential Yield in Micro-Tomato

Ryza Aditya Priatama, Donghyeun Ka, Seong Bong Kim, and Young Koun Lee

KFE, Korea

[TA4-4] Invited

17:40-18:10

Applications of Low Temperature Plasma to Agriculture in Preharvest Stage

Masaharu Shiratani, Pankaj Attri, Takamasa Okumura, and Kazunori Koga

Kyushu Univ., Japan