



[TD3] Plasma Sources and Technologies III

Date / Time	July 26 (Thu.), 2018 / 15:30-17:40
Place	Room D (#115)
Session Chair(s)	Hae June Lee (Pusan Nat'l Univ., Korea)

TD3-1 [Invited]

15:30-16:00

Performance and Plasma Characteristics of Low-Power Ammonia Arcjet Thruster

Xian Meng, Wenxia Pan, Chunling Yang, and Chengkang Wu
Chinese Academy of Sciences, China

TD3-2 [Invited]

16:00-16:30

The Triple DC Plasma Torch System for Nanoparticle Synthesis

Tae-Hee Kim, Jeong-Hwan Oh, Byeong-Il Min, Juyoung Ko, Minseok Kim, Yong Hee Lee, and Sooseok Choi
Jeju Nat'l Univ., Korea

TD3-3 [Invited]

16:30-17:00

Investigation of Characteristics of Multiphase AC Arc by High-Speed Visualization

Takafumi Okuma¹, Hisao Nagai¹, Takeshi Koiwasaki¹, Manabu Tanaka², and Takayuki Watanabe²
¹*Panasonic Corporation, Japan*, ²*Kyushu Univ., Japan*

TD3-4

17:00-17:20

Fluctuation Phenomena of Plasma Jet in Long DC Arc with Ring-Shaped Anode

Manabu Tanaka¹, Hirohiko Soeda¹, Takayuki Watanabe¹, and Tomohiro Koga²
¹*Kyushu Univ., Japan*, ²*Clean Tech., Japan*

TD3-5

17:20-17:40

Study on Uniform Plasma Generation in Electron Cyclotron Resonance Plasma Etching Reactor

Hitoshi Tamura¹, Tsutomu Tetsuka², Daisuke Kuwahara³, and Shunjiro Shinohara³
¹*Hitachi High-Technologies Corporation, Japan*, ²*Hitachi Ltd., Japan*, ³*Tokyo Univ. of Agriculture and Tech., Japan*