



<b>[WA1] Contamination Control in Semiconductor / Display Technologies</b>	
<b>Date / Time</b>	July 25 (Wed.), 2018 / 09:00-10:00, 13:00-13:40
<b>Place</b>	Room A (#104~106)
<b>Session Chair(s)</b>	Taesung Kim (Sungkyunkwan Univ., Korea)

**WA1-1 [Invited] 09:00-09:30**

Challenges of Particle Control Technology in the Semiconductor and Display Process Equipments  
Seungki Chae  
*Sungkyunkwan Univ., Korea*

**WA1-2 [Invited] 09:30-10:00**

Towards Automation of Quantitative Analysis of Various Digital Images for Material and Process Characterization  
Woo Sik Yoo  
*WaferMasters, Inc., USA*

**WA1-3 13:00-13:20**

Characterization of Atmospheric Electrodeless Microwave Plasma in Nitrogen  
Hojoong Sun, Jungwun Lee, and Moon Soo Bak  
*Sungkyunkwan Univ., Korea*

**WA1-4 13:20-13:40**

Mechanism Analysis of  $\text{NH}_3/\text{NF}_3$  Remote Plasma Dry Cleaning Reactions Using TOF-MASS  
Jiheon Kim<sup>1</sup>, Shin Kim<sup>1</sup>, Kyoungwoo Kwon<sup>1</sup>, Byeonghwa Jeong<sup>1</sup>, Kiyounghwan Jeong<sup>2</sup>,  
and Kyunghwan Jeong<sup>2</sup>  
<sup>1</sup>ULVAC KOREA, Co., Ltd., Korea, <sup>2</sup>Sungkyunkwan Univ., Korea