

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

January 17-20, 2021 | Online Conference

<b>[MC1] Plasma Modeling and Simulation Techniques I</b>	
<b>Date / Time</b>	January 18 (Mon.), 2021 / 09:00-10:40
<b>Place</b>	Channel C
<b>Session Chair(s)</b>	He-Ping Li (Tsinghua Univ., China)

## **[MC1-1] Invited**

**09:00-09:30**

### **Numerical Modeling of Molecular Interactions between Plasma Species and Biological Membrane**

Satoshi Uchida

*Tokyo Metropolitan Univ., Japan*

## **[MC1-2] Invited**

**09:30-10:00**

### **Modeling Study on Interactions of Reactive Species in Atmospheric Plasmas and Oliver Oil**

Yuan-Tao Zhang

*Shandong Univ., China*

## **[MC1-3]**

**10:00-10:20**

### **Similarity Laws for Low-Temperature Plasmas from Continuum to Kinetic Regimes**

Yangyang Fu, Bocong Zheng, Peng Zhang, Qi Hua Fan, and John P. Verboncoeur

*Michigan State Univ., USA*

## **[MC1-4]**

**10:20-10:40**

### **The Ion Kinetics at the Wafer Edge for Plasma Processes in Capacitively Coupled Discharges**

Jin Seok Kim<sup>1</sup>, Min young Hur<sup>1</sup>, Kim Ho Jun<sup>2</sup>, and Hae June Lee<sup>1</sup>

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