Joint International Conference on
The 8th ICMAP & The 9th ISFM
January 17-20, 2021 | Online Conference

[MC2] Plasma Modeling and Simulation Techniques II

<table>
<thead>
<tr>
<th>Date / Time</th>
<th>January 18 (Mon.), 2021 / 14:10-16:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place</td>
<td>Channel C</td>
</tr>
<tr>
<td>Session Chair(s)</td>
<td>De-Qi Wen (Michigan State Univ., USA)</td>
</tr>
</tbody>
</table>

[MC2-1] Invited 14:10-14:40

Dynamics of Two-Dimensional Dusty Plasmas Modified by One-Dimensional Periodic Substrate
Yan Feng
Soochow Univ., China

[MC2-2] 14:40-15:00

Hybrid Simulation on the Instability in Capacitively Coupled CF₄/Ar Plasmas Driven by an Asymmetric Dual Frequency Waveform
Wan Dong, Yi-Fan Zhang, Yuan-Hong Song, Zhong-Ling Dai, and You-Nian Wang
Dalian Univ. of Tech., China

[MC2-3] 15:00-15:20

Effect of Driving Frequency on the Plasma Parameters and Electron Heating Mechanism in Very High Frequency Capacitive Discharges
Nishant Sirse¹, Sarveshwar Sharma², Miles M Turner³, and Albert R Ellingboe³
¹IPS Academy, Indore, India, ²Inst. for Plasma Research, India, ³Dublin City Univ., Ireland


Investigation of Collision Effect on Ion Incident Angle at Biased Target in Magnetized Hydrogen Plasma
Myeong-Geon Lee¹, Nam-Kyun Kim², Jamin Song¹, Ki-Baek Roh¹, and Gon-Ho Kim¹
¹Seoul Nat'l Univ., Korea, ²Samsung Electronics Co., Ltd., Korea

[MC2-5] 15:40-16:00

Breakdown Process of Dual-Frequency Capacitively Coupled Plasma: A Collective Simulation
Hao Wu¹, Youyou Zhou², Jiamao Gao¹, Zhijiang Wang¹, Yanli Peng³, and Wei Jiang¹
¹Huazhong Univ. of Sci. and Tech., China, ²Wuhan Univ. of Tech., China, ³East China Univ. of Tech., China