
[ThA1] Fundamentals of Atmospheric Plasmas/Plasma Modeling and Numerical Simulation

Date / Time August 5 (Thu.), 2021 / 09:00-10:20**Channel** Channel A**Session Chair** Prof. Ihn Han (Kwangwoon Univ., Korea)

ThA1-1**09:00-09:25****[Invited]****Towards an Understanding of Plasma-bio Interactions: Tracking Reactive Species from the Plasma Source to the Biological Target**Peter J. Bruggeman
*Univ. of Minnesota, USA***ThA1-2****09:25-09:50****[Invited]****Atmospheric Pressure Plasma Interactions with Complex Biomedical Surfaces**Kseniia Konina¹, Mackenzie Meyer¹, Juliusz Kruszelnicki¹, Jordyn Polito¹, Theresa Freeman², and Mark J. Kushner¹
¹*Univ. of Michigan, USA*, ²*Thomas Jefferson Univ., USA***ThA1-3****09:50-10:05****Towards Single Shot Plasma Diagnostics**Stephan Reuter^{1,2}, Benjamin M. Goldberg^{3,2}, Luka Hansen^{4,2}, Arthur Dogariu², and Richard B. Miles^{2,5}
¹*Polytechnique Montréal, Canada*, ²*Princeton Univ., USA*, ³*Sandia Nat'l Lab., USA*, ⁴*Christian-Albrechts-Univ. Kiel, Germany*,
⁵*Texas A&M Univ., USA***ThA1-4****10:05-10:20****Changes on Discharge Parameters and Production of Reactive Species in Argon and Helium Plasma Jets with Oxygen Addition**Fellype do Nascimento, Kleber Petroski, Ananias Barbosa, Ana Almeida, and Konstantin Kostov
São Paulo State Univ. – UNESP, Brazil