
[ThA4] Plasma Liquid Interactions, Plasma Activated Liquids

Date / Time August 5 (Thu.), 2021 / 14:35-15:45**Channel** Channel A**Session Chair** Dr. Kai Masur (INP, Germany)

ThA4-1**14:35-15:00****[Invited]****Initiation of Plasma Discharges in Saline Solutions**Thomas A. Field¹, Fayza Hassan¹, Leonidas Asimakoulas¹, Mohammad Karim¹, Adam Murphy¹, František Krčma², Lukáš Dostál², Kenneth R Stalder¹, and William G Graham¹¹Queens Univ. Belfast, UK, ²Brno Univ. of Tech., Czechia**ThA4-2****15:00-15:15****Reactive Species Generation Using Plasma Gun above or Inside Liquid Solutions**E. Robert¹, A. Hamon¹, S. Dozias¹, C. Douat¹, A.R. Bisag², R. Laurita², M. Gherardi², V. Colombo², and J.M. Pouvesle¹¹CNRS-Université d'Orléans, France, ²Alma Mater Studiorum-Università di Bologna, Italy**ThA4-3****15:15-15:30****On the Use of Plasma Activated Liquids for the Treatment of Cancer Cells**

Alina Bisag, Cristiana Bucci, Sara Coluccelli, Giulia Girolimetti, Romolo Laurita, Pierandrea De Iaco, Anna Myriam Perrone, Matteo Gherardi, Lorena Marchio, Anna Maria Porcelli, Vittorio Colombo, and Giuseppe Gasparre

*Alma Mater Studiorum-Univ. of Bologna, Italy***ThA4-4****15:30-15:45****Resection Polymeric Dentures Modified in Low-Temperature Plasma for Orthopedic Rehabilitation of Cancer Patients**Tatiana Vasilieva¹, Michael Vasiliev¹, Htet Ko Ko Zaw¹, Ekaterina Kudasova², and Ekaterina Kochurova²¹Moscow Inst. of Physics and Tech., Russia, ²The First Sechenov Moscow State Medical Univ. under Ministry of Health of the Russian Federation, Russia