

Special Issue

Latest Developments in Pulsed Low-Temperature Plasmas

Message from the Guest Editors

In recent years, the pulsed modulation of low temperature plasmas (low-pressure and atmospheric pressure) has led to enhancements in the plasma characteristics and the processing outcomes. This Special Issue of the journal will concentrate on the reporting of the latest developments in pulsed-plasma technology, with consideration given to a wide range of pulse time-scales from milliseconds to nanoseconds, across a wide range of discharge types and sizes (macro to micro-plasmas) and at both reduced and at atmospheric pressures. Topical areas can include, but should not be limited to, thin-film deposition, plasma polymerization, surface modification and decontamination, etching, plasma chemistry, lighting, plasma ignition and combustion and space thrusters etc. Contributions highlighting the current state-of-the art in either or both diagnostic development and modelling/simulation aspects of pulsed-low temperature plasmas are welcome. Dr. Mohammad Hasan Dr. Paul Bryant

Guest Editors

Prof. Dr. James Bradley

Dr. Mohammad Hasan

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Deadline for manuscript submissions

closed (20 December 2018)



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Editor-in-Chief

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