Title : Applications of Gas Discharge Plasmas in Aerospace Engineering

Abstract :

Gas discharge plasmas have a wide range of applications such as material processing, lighting, biomedical engineering, and aerospace engineering. Research areas in aerospace engineering using gas discharge plasmas include flow control, propulsion, combustion, and power generation. This presentation will provide a short introduction of applications of plasmas used in aerospace engineering. Plasma flow control and electrical propulsion will be discussed in more detail.