

PhD Seminar

“Industrial applications of cold atmospheric pressure plasma-based technologies”

Prof. Anna Dzimitrowicz

Abstract

The main goal of the lecture is to provide PhD students with an overview of innovative technologies based on cold atmospheric pressure plasma (CAPP) and their industrial applications, including nanotechnology, environmental protection, food chemistry, medicine, and agriculture. During the lecture, after a short introduction of plasma technology, the initiation methods will be discussed, as well as the choice and adjustments of plasma sources for different uses.