

Plasma-Liquid Interactions: Quo Vadis?

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Plasma-liquid interactions represent an interdisciplinary area of research involving plasma science that is of growing importance for many plasma applications. I will review the state-of-the-art of this multidisciplinary area focused on non-equilibrium plasmas and identify the key research challenges. The developments in diagnostics, modeling and further extensions of cross section and reaction rate databases that are necessary to address these challenges will be discussed.