

Investigation of surface adsorption and reaction: multiscale methods

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ABSTRACT

Interactions at interfaces are the most attractive phenomena and have many technological applications. Understanding the phenomena requires an intensive and extensive investigation of both experiment and theory. In this lecture, based on the advantages and limitations of experimental and theoretical methods with our available tools, we will introduce our blending methods to explore various problems toward the surface phenomena. Accompanying the methodology is our case studies and new findings.

Acknowledgement

This research was funded by Vietnam National University HoChiMinh City (VNU-HCM) under grant number VL2022-20-01. We acknowledge Ho Chi Minh City University of Technology (HCMUT), VNU-HCM for supporting this study.