

Colloquium

Numerical Simulations of Near-Field Optics on Surface Enhanced Raman Scattering Substrates

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時 間：103 年 12 月 17 日(三) 14：30

地 點：應用數學系多媒體教室（理 408 室）

In this talk we will present a multidomain pseudospectral computational framework for simulating near-field optics induced by light-matter interaction. We shall give a short introduction on the optics in surface enhanced Raman scattering substrates. Followed by the introduction is a general description of the physic laws, numerical methods, and high-performance computational approaches, involved in the simulation framework. Validations of the simulation framework will be illustrated. At last we will also discuss the physical meaning of the simulation results of optics in surface enhanced Raman scattering substrates.

～本次演講亦歡迎大學部同學參加～