



Séminaire LTDS

Salle de cours B11 – Bât H10 – 13h

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Analysis of nanoscale transport phenomena by large scale molecular dynamics simulation

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The characteristics of transport phenomena in nanoscale structure is different from the macroscopic one. In my seminar, firstly I explain the concept and some techniques of molecular dynamic method. And next I will show some examples for analyzing these nanoscale flow phenomena by molecular dynamics method, for instance, mass transport phenomena in fuel cell and momentum transport phenomena in a nanoscale liquid bridge.

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