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fluid flow in micro- and nano-scales needs specific technique, which is based on assumption that fluid particle can be represented as a cluster of atoms. Effective clustering can be built using the so-called Voronoi tessellation, describing a special kind of decomposition of the flow domain (Czerwińska 2004). Such coarse grained modelling is useful

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The Micro/Nanoscale Fluid Transport Laboratory (MNFTL) is housed in the Department of Mechanical and Industrial Engineering of the University of Illinois

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at Chicago (UIC), and is directed by Prof. Constantine M. Megaridis.



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