WESTERN SYDNEY
UNIVERSITY

Nanoscale Organisation
and Dynamics Group

Computational Nanomaterials

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Abstract
Atomistic simulation plays an imperative role in the research of nanomaterials. We have used one of the most common atomistic simulation methods, molecular dynamics simulations, to explore the nanomechanism of various nanomaterials and nanocomposites. The nanoscale computations help us to have a better understanding of nanomaterials before their practical applications.

Profile
Dr Yingyan Zhang obtained her BEng (2000) from Dalian University of Technology, China and Master (2004) and Ph.D degrees (2008) from the National University of Singapore (NUS). Later, she worked as postdoctoral research fellow in the Engineering Science Programme, NUS. She joined WSU as a research lecturer in 2010 and currently she is a senior lecturer. Her research interests are in computational materials. As of June 2019, she has published 1 scholarly book and 78 journal papers. Her publications have been well cited by other researchers. According to Google Scholar, her publications have been cited more than 4000 times and she has an H-index of 31.

Staff and students at all levels are welcome to attend.

Venue and Time:
This talk will be held at 11 am on Friday 12 July at the Campbelltown Campus in Building 21, Lecture Theatre 5 (CA.21.G.03). Zoom: https://uws.zoom.us/j/582395537

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