

CHAN KAR TIM

Ph.D. (Universiti Putra Malaysia)

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EXPERTISE

THEORETICAL PHYSICS

Dr. Chan Kar Tim is currently a senior lecturer at Physics Department, Faculty of Science, Universiti Putra Malaysia. He is also a Research Associate at Institute for Mathematical Research (INSPEM), UPM. His research works mainly focus on fundamental studies and mathematical physics such as spectral study on cuspidal hyperbolic surfaces, complex networks and density functional theory.

Current Research Interest

- Computation of Quantum Bound States on Hyperbolic Surfaces
 - Modelling of Complex Network
 - Structural Network Properties and Analysis
 - Dynamics and Evolutional Patterns of Complex Networks
 - Graph Clustering Using Nearest Neighbor Method
 - Spectral Study on Complex Network
 - First Principle Study on Bilayer Materials
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LINK TO POSTGRADUATE FIELD OF STUDY:

ADDITIONAL INFORMATION: