

## Computational Data Modelling: Algorithms and Applications

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Chee Peng Lim completed his Ph.D. degree at the University of Sheffield, United Kingdom in 1997. His research focuses on Computational Intelligence (CI)-based systems for data analytics and applications. In addition to publishing over 600 publications, he has received numerous prestigious fellowships for research collaboration, including Commonwealth Fellowship at the University of Cambridge, Fulbright Fellowship at the University of California, Berkeley, as well as Visiting Scientists Program of the US Office of Naval Research Global at both Harvard University and Stanford University.

**Abstract:** Computational intelligence (CI) offers mathematically grounded approaches to addressing data analytics problems through adaptive algorithms that comprise clustering, classification and function approximation principles. This talk presents CI algorithms for data modelling and analytics and their application to real-world medical and industrial problems