

We are seeking a post-doctoral researcher to join our computational systems biology group.

We have been pursuing research on the modelling and analysis of bio-pathways for a number of years. It has led to results/publications concerning parameter estimation for ODEs based models, approximation of ODEs based models as dynamic Bayesian networks (DBNs), improved inferencing algorithms for DBNs, implementations of approximation and analysis methods for biochemical network models on GPUs, approximate probabilistic verification techniques etc. We have also built up successful collaborations with biologists. A list of recent publications can be found at:

www.comp.nus.edu.sg/~thiagu

The person we are looking will ideally have a solid background in computer science, enjoy high comfort levels when dealing with mathematical abstractions/techniques as well programming. A background in computational systems biology (with an emphasis on probabilistic methods) will be very welcome but not necessary. The ability and willingness to learn will do equally well.

Please send your queries to:

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