

# Simplicity in Complexity

Although the world appears complex, we can achieve much understanding by adopting the right perspective and using suitable language. In this talk, ideas from the study of complex systems are illustrated simply with the help of examples such as: How do ants find the shortest distance to a food source? How can people who join a queue influence the shape of that queue? What proportion of people should be vaccinated to prevent an epidemic of a disease? Finally, what lessons of general relevance can we learn from these specific examples?

**Date : Saturday, 28 May 2016**

**Time : 11.00am - 12.00pm**

**Venue : The Theatre** (Raffles Town Club)

Closing date for registration: 20 May 2016

Look forward to Mathematics and Science Workshops for Students on these dates – 16, 18 23, 25 June & 2 Jul in the upcoming Update. The workshops will focus on mid year exam review on Algebra and practical strategies to manage stress and optimise performance.

For more details on the workshops, please visit [www.cherishedutainment.com/rtc-events](http://www.cherishedutainment.com/rtc-events) or call the facilitator Adeline at 66189386 or email her at [one@cherish1.com](mailto:one@cherish1.com).

This talk requires a min. number of participants to commence.

For RSVP, please call **Member Relations** at **6357 3322/323** or email [member\\_relations@rtc.com.sg](mailto:member_relations@rtc.com.sg).

**Free  
Admission**

## About the Speaker

Dr. Rajesh Parwani is a theoretical physicist and founder-director of the Simplicity Research Institute. He has worked in research institutes in several countries and taught inter-disciplinary modules at the University Scholars Programme (NUS).