

# School of Physics and Astronomy

## COLLOQUIUM



*Dr Kavan Modi  
Monash University*

### Quantum supremacy, what does it mean?

Google announced, a couple of weeks back, that it has reached quantum supremacy using its 54 qubit quantum computer. Does this mean internet banking is no longer safe? What does this mean for physics, chemistry, material science, medical science, biology and computer science? The talk will give an overview of quantum computing what it is and what it is not; Google's claim and IBM's rebuttal; what it all means going forward.

Date:	Monday 18 November
Time:	4pm
Venue:	L1, Seminar Room 107, 10 College Walk, Clayton

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