



THE UNIVERSITY OF
MELBOURNE

Physics > Theoretical

“ My PhD gives me the chance to ask some of the big questions about the nature of the universe. I use pure maths to solve Einstein’s equations and love the fact that I do work that makes me think everyday.

My work is in the area of ‘braneworlds’ - the idea that a four-dimensional universe is entirely restricted to a brane inside higher-dimensional space.

This type of mathematical model is popular as it can explain the weakness of gravity relative to other fundamental forces like electromagnetism and nuclear interactions.

Next year I’m looking forward to visiting France on an exchange to meet with colleagues and do some travel.

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Damien George
PhD in the
Theoretical Particle Physics group