



NILANJANA DATTA

COUNTRY	United Kingdom
AFFILIATION	University of Cambridge, United Kingdom
FIELD OF RESEARCH	Quantum Information Theory and Mathematical Physics

$$S(\rho) = -\text{Tr}(\rho \log \rho)$$

"Surprisingly to me at least, as far as university students are concerned, we are more of a minority in the Western world than back home where I come from in India, where we were half and half."

"There are these prejudices one has to fight against but the challenge makes it all the more worthwhile."

"We know that using mathematics, one can explain the complexities of nature with elegant, simple mathematical equations. This is very appealing to me."

"The joy of maths is when you prove something. It's wonderful. It might be a very short-lived joy because then you're stuck at the next step, but it's still something I would not give up for anything else."

