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Damien Broderick

The Time Machine Hypothesis

Extreme Science Meets Science Fiction

 Springer

Damien Broderick
San Antonio, TX, USA

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*For Kat and Ryan
and Aurelia and Charlotte,
my step-persons
And as always for dear Barbara,
my beloved person-person*

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In general, I applaud the intelligence and bravery of the many daring scientists whose books and papers have guided my quest for a plausible time machine hypothesis and the novelists and short story writers whose science fiction led me along so many intriguing pathways in the corridors of time.

Today the subject of time travel has jumped from the pages of science fiction to the pages of physics journals as physicists explore whether it might be allowed by physical laws and even if it holds the key to how the universe began. In Isaac Newton's universe time travel was inconceivable. But in Einstein's universe it has become a real possibility.... To appreciate what scientists are studying now, an excellent first step is to explore major time-travel themes in science fiction, where many ideas in this arena were first advanced.

J. Richard Gott, III, Princeton University emeritus professor of astrophysical sciences (*Time Travel in Einstein's Universe*, 2002, 5)

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