

# Quantum Mechanics, Special Relativity and Applied Math

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## **Abstract**

Abstract: "While theoretical physics is technically a branch of applied mathematics, the distinction between the two is not simply a partition of subject areas. The process of mathematical modelling is quite different in the two fields and this is in large part due to quantum mechanics and special relativity. The talk will informally discuss the difference between the two and perhaps touch on some recent work by the author that crosses traditional boundaries."