

Solvay Colloquium



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Quantum Field Theory and Duality

Quantum field theory is the framework that underlies much of the natural world, from particle physics to condensed matter physics. It is the natural marriage of quantum mechanics and special relativity. It is also quite hard.

In this talk, I will describe some recent, surprising advances in understanding dualities in quantum field theory. These advances required a convergence of ideas from disparate areas of physics, including the quantum Hall effect, higher spin holography, and supersymmetry.

Tuesday 8 May 2018 at 4.00 P.M.

COFFEE AND TEA WILL BE SERVED AT 3.45 P.M. IN FRONT OF THE SOLVAY ROOM

SOLVAY ROOM
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