

# THE FRONTIERS OF FUNDAMENTAL PHYSICS

**2019 STAG Public Lecture  
By Professor Nathan Seiberg**

**Wednesday 13th November  
2.30pm, Turner Sims**



In recent decades, physicists and astronomers have discovered two beautiful Standard Models, one for the quantum world of extremely short distances, and one for the universe as a whole. Both models have had spectacular success, but there are also strong arguments for new physics beyond these models. In this lecture, Professor Seiberg will review these models, their successes and their shortfalls. He will describe how experiments in the near future could point to new physics suggesting a profound conceptual revolution, which could change our view of the world.

The STAG Research Centre brings together world-leading academics from three research groups – Particle Physics, Astrophysics and Gravitation – to explore issues of fundamental physics and astronomy.

**To book your tickets please go to:**  
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**For further information please contact Barbara Seiter at:**  
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