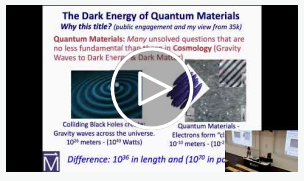


Sir Nevill Mott Lecture Series

In 1995 Sir Nevill Mott visited the Department of Physics and presented a lecture entitled "65 Years in Physics". The lecture was a great success, and Sir Nevill kindly permitted his name to be associated with an annual lecture series to be given by distinguished invited speakers.

- Events**
- 2023
 - 2022
 - 2021
 - 2020
 - 2019
 - Seminars
- [> Sir Nevill Mott Lecture Series](#)



The 2023 lecture

The 2023 Sir Nevill Mott lecture was given by Professor Laura Greene and entitled The Dark Energy of Quantum Materials. Professor Laura Greene is the Marie Krafft Professor of Physics at Florida State University and Chief Scientist at the National High Magnetic Field Laboratory.

Watch the lecture in full

Past lectures

- 2022 lecture: Professor Leon Chua: Memristors are the elan vital of Brain-like Machines +
- 2020 lecture: Dr Alan Baratz: Practical Quantum Computing +
- 2019 lecture: Professor Stanley Williams: Finding the Mott Memristor +
- 2018 lecture: Professor Michael Kosterlitz, Nobel laureate: Topological Defects and Phase Transitions - A Random Walk to the Nobel Prize +
- 2017 lecture: Professor Zahid Hasan: New Topological States of Matter: Material Platforms for Novel Fermions +
- 2016 lecture: Professor Yuri Pashkin: Why superconducting circuits are good for quantum technologies +

2015 lecture: Professor Sir David Wallace: High Performance Computing +

2014 lecture: Professor Sir John Pendry: Metamaterials and the Science of Invisibility +

2013 lecture: Professor Laurence Eaves: Strong magnetic and electric fields for manipulating quantum states and gravity +

2012 lecture: Sir John Houghton, Nobel laureate: Are human activities causing climate change and how damaging will the impacts be? +

2011 lecture: Professor Victor Petrášov: Metal: Box of Surprises +

2010 lecture: Professor Brian Josephson, Nobel laureate: Which way for Physics? +

2009 lecture: Professor Sir Roger Penrose, Nobel laureate: Gravity and the Foundations of Quantum Mechanics +

2008 lecture: Professor Raymond Goldstein: Physics and the Evolution of Biological Complexity +

2006 lecture: Professor Sir Michael Berry: Making Light of Mathematics +

2005 lecture: Professor Emmanuel Rashba: Impact of Nevill Mott's Research on the Development of Solid State Physics: A Personal Perspective +

2004 lecture: Professor Arndt Simon: A Glimpse into Sub-Nanostructures +

2003 lecture: Professor Alexei Abrikosov, Nobel laureate: Superconductivity: History and Current Status +

2002 lecture: Professor Philip Anderson, Nobel laureate: History of the Mott Metal - Insulator Transition +

2001 lecture: Sir Robert May: Science Advice and Public Confidence in a Complex World +

2000 lecture: Professor John Enderby: Liquids - Present and Future Aspects +

1999 lecture: Sir David Davies: Synthetic Aperture Radar +

1998 lecture: Sir Peter Williams: Science into the 21st century +

1997 lecture: Sir Peter Mansfield: The use of MRI to investigate porous structures +

1996 lecture: Lord Phillips of Ellesmere: Physics & Molecular Biology +

1995 lecture: Sir Nevill Mott, Nobel laureate: 65 Years in Physics +

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