World-Beating Mathematics Research: A Place for Women
About the Institute
The Isaac Newton Institute

- Opened in July 1992
- Located at Cambridge University, following a national competition
- Established to be the UK’s national mathematics research institute
- Acknowledged as a global leader in pure and applied mathematics research
• Open, elegant, light-filled, spacious and timeless building
• Designed to liberate and support collaboration
• Access to Cambridge University libraries.
• Even the elevator and toilets contain blackboards – and they are used!
Mathematical sciences in the broadest sense

- Geometry, number theory, algebra, topology, combinatorics and many more
- Computer vision, computer security and cryptology, high dimensional data analysis
- Climate models, turbulence in fluid flow, the cracking and failure of materials
- The spread of epidemics, understanding how the heart beats, evolutionary biology
- The operation of financial markets and economic trading
- Particle physics and general relativity...
The Institute selects only the very best programmes

- Great scientific merit
- High quality leadership, participation and structure
- At the forefront of current developments
- Aimed at breakthroughs rather than consolidation
- More than 40 major prize winners (Nobel, Abel, Fields, Wolf) have participated in Institute programmes and workshops


Wolf and Abel prize winner John Tate, who participated in 1998
The Institute facilitates collaborative research on problems drawn from across mathematics and mathematical sciences.

Research is conducted through structured programmes lasting 4 to 6 months with 30 or more core participants.

> 100 research programmes over 20 years.

> 1,000 people come to work at the Institute each year.

Interdisciplinarity is encouraged.
• Andrew Wiles announces his outline proof of Fermat’s last theorem

• Stephen Hawking and Roger Penrose debate fundamental ideas about gravity

• Queen’s Anniversary Prize awarded for world class achievement in education