



- 知识拓展
- 历史概况
- 先辈先贤
- 最新进展
- 相关网站

您的位置：知识拓展

## 先辈先贤



Mott, Sir Nevill, 1905 - 96, British physicist. A professor at the Univ. of Bristol (1933 - 54) and the Univ. of Cambridge (1954 - 71), Mott won the Nobel Prize in Physics in 1977 for a lifetime of research into the magnetic and electrical properties of noncrystalline solids.

Mott was born in Leeds and was educated at Clifton College in Bristol and St. John's College, Cambridge. He was appointed to a lectureship at Manchester University in 1929. He returned to Cambridge in 1930 as a Fellow and lecturer of Gonville and Caius College and in 1933 moved to Bristol University as Melville Wills Professor in Theoretical Physics.

In 1948 he became Henry Overton Wills Professor of Physics and Director of the Henry Herbert Wills Physical Laboratory at Bristol. In 1954 he was appointed Cavendish Professor of Physics at Cambridge, a post he held until 1971. Additionally he served as Master of Gonville and Caius College, 1959-1966.

### Accomplishments

Mott's accomplishments include explaining theoretically the effect of light on a photographic emulsion (see latent image) and outlining the transition of substances from metallic to nonmetallic states (Mott transition). The term Mott insulator is also named after him.

Nevill Mott was elected a Fellow of the Royal Society in 1936. Mott served as president of the Physical Society in 1957. In the early 1960s he was chairman of the British Pugwash group. He was knighted in 1962. He continued to work until he was about ninety. He was made a Companion of Honour in 1995.

返回

