Center for Computational & Applied Mathematics

Distinguished Lecture Series

Sir John Macleod Ball

Sir John Macleod Ball, FRS FRSE, is Sedleian Professor of Natural Philosophy at the University of Oxford. He was the President of the International Mathematical Union from 2003–06 and a Fellow of Queen's College, Oxford. Born in 1948, he was educated at the University of Cambridge and Sussex University. Prior to taking up his Oxford post, he was a professor of mathematics at Heriot-Watt University in Edinburgh.

Professor Ball's research interests include elasticity, the calculus of variations, and infinite-dimensional dynamical systems. He was knighted in the New Year Honours list for 2006 "for services to Science." He is a Fellow of Royal Society (FRS), member of the Norwegian Academy of Science and Letters and fellow of the American Mathematical Society.
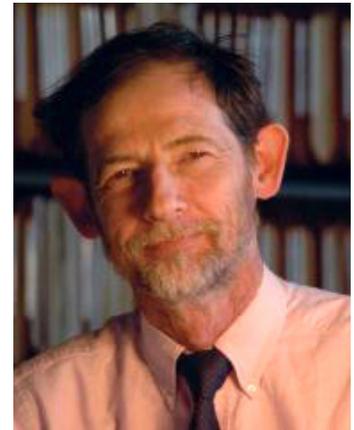
Some recent mathematical developments in liquid crystals

Monday, April 3, 2017 | 4:30 PM | LWSN 1142

The understanding of liquid crystal behavior has traditionally been an area with a fertile interaction between science and mathematics. The lecture will describe different theories of liquid crystals and some recent results concerning their predictions and the connection between them.

Refreshments will be served outside of LWSN 1142 from 4:00 PM until 4:30 PM.