

**PRESS RELEASE  
WINNERS ANNOUNCED  
1987/1407H KING FAISAL INTERNATIONAL PRIZE  
FOR  
SCIENCE**

**Topic: Mathematics**

The King Faisal International Prize for Science for 1987 is given for work in mathematics. The Prize is awarded to **Professor Sir Michael Atiyah**, F.R.S., Savilian Professor of Geometry at Oxford. Professor Atiyah is one of the greatest living Mathematicians. He was awarded the prestigious Fields mathematics prize in 1966, and was appointed Professor at the early age of thirty-four. He has been vice-President of the Council of the Royal Society of London.

The Prize is awarded to Professor Atiyah for his latest work on algebraic geometry and theoretical physics. His work has shown how considerations arising from algebraic geometry enable one to construct solutions of certain partial differential equations giving "instantons". Professor Atiyah has analyzed the global geometry of Yang-Mills fields and of general gauge theories. His work has given a deeper understanding of both quantum field theory and general relativity.