

WINNERS ANNOUNCED 2014 KING FAISAL INTERNATIONAL PRIZE FOR SCIENCE

Riyadh, 14 January 2014G - 13 Rabi' I 1435H, HRH Prince Khalid Al-Faisal, Executive President of King Faisal Foundation, tonight announced the winners of the King Faisal International Prize.

The King Faisal International Prize for Science for this year 2014G (1435H), Topic: Mathematics, has been awarded to:

Professor Gerd Faltings (Germany)

Director at the Max-Planck Institute for Mathematics in Bonn

Professor Faltings has made groundbreaking contributions to algebraic geometry and number theory. His work combines ingenuity, vision and technical power. He has introduced stunning new tools and techniques which are now constantly used in modern mathematics.

His deep insights into the p-adic cohomology of algebraic varieties have been crucial to modern developments in number theory. His work on moduli spaces of abelian varieties has had great influence on arithmetic algebraic geometry. He has introduced new geometric ideas and techniques in the theory of Diophantine approximation, leading to his proof of Lang's conjecture on rational points of abelian varieties and to a far-reaching generalization of the subspace theorem. Professor Faltings has also made important contributions to the theory of vector bundles on algebraic curves with his proof of the Verlinde formula.

Note to Editor:

- 1- Over the past 36 years, a total of 50 scholars from 11 countries have been awarded the King Faisal International Prize for Science.
- 2- The topic for the 2015G/1536H King Faisal International Prize for Science is (*Chemistry*).
- 3- The deadline for nomination is 1.5.2014G (2.7.1435H).