Winners of the 2018 King Faisal Prize

First: King Faisal Prize for The Service to Islam

The King Faisal Prize for The Service to Islam 2018 has been awarded to:

Professor Irwandi Jaswir
Deputy dean of the International Institute for Halal Research and Training (INHART) and Secretary of Council of Professors at the International Islamic University Malaysia (IIUM)

In recognition of his outstanding services to Islam and Muslims, which includes:

- His contribution to the establishment and development of 'Halal Science' through various publications and research studies.
- His valuable efforts in leading the International Institute for Halal Research, of the International Islamic University in Malaysia, to become a renowned center for research and services related to Halal food and consumer goods;
- His work in developing new methods for analyzing substances used in the manufacturing of ‘Halal Food Alternatives’, as well as practical procedures for producing Halal Gelatin from various Halal (non-porcine) sources, such as camel and fish;
- His collaboration with other scientists to develop new methods for quick detection of non-Halal substances in food, cosmetics and other consumer goods used by Muslims. An instance of such methods is the ‘Portable Electronic Nose’ which detects within seconds the presence of alcohol and lard (porcine-derived fat) in food and beverages.
Second: **King Faisal Prize for Islamic Studies**

The King Faisal Prize for Islamic Studies for this year 2018 Topic: (Critical Editions of Islamic Historical and Biographical Texts) has been awarded to:

**Professor Bashar Awad**
Professor of Hadith at the International Islamic University

For reasons that include:

- The broad historical and geographical view he adopted in his editing studies which covered the works of Hadith and history scholars as well as the most famous Islamic figures;

- His works have set the foundations for rules and principles governing the practice of editing, which have brought this field closer to becoming a science based on precision, integrity and extensiveness. This was made possible thanks to his solid background in Koranic, Hadith and Arabic language studies, qualities which reflected in his teachings and supervisory contributions.

Third: **King Faisal Prize for Arabic Language and Literature**

The King Faisal Prize for Arabic Language and Literature for this year 2017, Topic: (Studies Dealing with Autobiography in Arabic Literature) been awarded to:

**Professor Chokri Mabkhout**
Professor at Manoubah University

For reasons that include:

- His originality in the treatment and analysis of Arab biographical themes;

- His ability in absorbing the theoretical background and investigating the artistic and intellectual values in biographical themes;
- The variety of critical approaches he adopted in his studies;
- The sober and aesthetically outstanding language he adopted in his critical analyses.

Fourth: **King Faisal Prize for Medicine**

The King Faisal Prize for Medicine for this year 2018, Topic: 
(Immunotherapy for Cancer), has been awarded to:

**Professor James P. Allison (USA)**

Vivian L. Smith Distinguished Chair of the Department of Immunology, & Director of the Parker Institute for Cancer Immunotherapy at The University of Texas MD Anderson Cancer Center, Houston, TX., USA.

For his outstanding contribution to the development of the field of immunotherapy of cancer. He identified CTLA4 as an inhibitory receptor of T-cells and pioneered the development of immune checkpoint inhibitors for the treatment of a range of cancers.

Fifth: **King Faisal Prize for Science**

The King Faisal Prize for Science for this year 2018 Topic: 
(Mathematics), has been awarded to:

**Professor Sir John M. Ball (UK)**

Sedleian Professor of Natural Philosophy at the University of Oxford
Director of the Oxford Centre for Nonlinear PDE

For his fundamental and groundbreaking contributions to
nonlinear partial differential equations, the calculus of variations, and dynamical systems. In these areas he developed revolutionary approaches that are widely used in mathematics today. His work applies deep mathematical insights to important real-life problems, pioneering applications in materials science. He introduced rigorous mathematical foundations for liquid crystals, phase transitions and nonlinear elasticity.

In addition to his scientific achievements, Professor Sir John Ball has served the wider scientific community in a leading advisory role to mathematical initiatives around the world.

Finally, the committee would like to extend its deepest appreciation to the King Faisal Prize General Secretariat and the King Faisal Foundation for their endless and scrupulous efforts in facilitating the committee’s work, and wishes them continued success.