

DISTINGUISHED LECTURE

BY

DR. JOHN HICKEY

TITLE: “NEXT GENERATION ANIMAL BREEDING”



DATE: 1ST AUGUST 2017

TIME: 10.30 AM ONWARDS

VENUE: NIAB AUDITORIUM

ALL ARE CORDIALLY INVITED

Prof John Hickey, Chair of Animal Breeding, The Roslin Institute, The University of Edinburgh, UK, Easter Bush, Midlothian

Prof. Hickey’s research interests span four broad areas: (i) computational methods for animal, plant and human genetics; (ii) breeding programme designs, strategies and theories for animal and plant breeding; (iii) applied animal and plant breeding research via collaboration with public sector and commercial breeding organisations; and (iv) translating research from animal and plant breeding to other fields (e.g., human and evolutionary genetics). He undertook PhD studies in the Netherlands on genetic evaluations of multiple breed cattle populations followed by post-doctoral positions in Australia and Mexico. In Australia he developed methods and algorithms and accompanying genotyping strategies to impute genotype data in livestock populations. This work has subsequently been implemented in some of the largest animal breeding programs globally. In Mexico he worked at the International Maize and Wheat Improvement Centre (CIMMYT) where he researched aspects of genomic selection in plant breeding programs. He now leads a research group at The Roslin Institute.