

Bill Hill's Contributions to Genetics and Animal Breeding

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William G. (Bill to most of us) Hill, whose 70th birthday it is immediately after the Congress (August 7th) has made many outstanding contributions in genetics and animal breeding. His contributions in genetics span the fields of quantitative, statistical, population and evolutionary genetics. He has supervised 73 PhD students, many of whom have had careers in animal breeding research or in the livestock genetics industries. Bill has over 300 publications in peer-reviewed journals. Fifty of these have had at least 50 citations (Web of Science, June 2010), giving an H-index of 50. The 10-best cited papers have had between 141 and 542 citations. Seven out of those 10 are single-author publications, 4/10 were published in Biometrics and one in Animal Production (“Prediction and evaluation of response to selection with overlapping genetics”, Animal Production 18:117-139, 1974). In this session, we will highlight a few of Bill's many contributions to scientific research by focussing a selected number of his publications and asking “To what scientific question is this paper the answer?” and “Why does it matter?”.