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“All papers published in the Proceedings of ICCS-12 were accepted after formal peer review by the experts in the relevant field”

Dr. Munir Ahmad
Editor
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FOREWORD

The 12th Islamic Countries Conference on Statistical Sciences (ICCS-12) was held at Qatar University, Doha, Qatar on December 19-22, 2012. A total of 22 technical sessions were held during the four day conference. About 120 research papers out of 239 papers received, were presented, discussed and appreciated by the conference participants. There were seven sessions on the Theory and Applications of Statistics, two sessions on survey sampling, three sessions on demography and population studies, three sessions on economic and business statistics, three on medical and bio-statistics and one session each on mathematical studies, statistical education, environmental statistics, and statistical communications.

There were eight key-note speakers and these are:

1. **Dr. Munir Ahmad** (Pakistan) - *ISOSS: History, Challenges and Future Developments*
2. **Dr. Shahjahan Khan** (Australia) - *Linear Model Inference with Non-sample Prior Information*
3. **Dr. Muhammad Hanif** (Pakistan) - *Has Sample Survey Sampling Undergone A Scientific Revolution?*
4. **Dr. Edward Wegman** (USA) - *Big Data: Technology and Analysis*
5. **Dr. Abdel H. El-Shaarawi** (Egypt/Canada) - *Environmental Control and Economic Development*
6. **Dr. Mohammad Fraiwan Al-Saleh** (Jordan) - *Statistical Ideas that are Rarely Mentioned in Classrooms*
7. **Dr. Aman Ullah** (USA) - *Robustify Financial Time Series Forecasting with Bagging*
8. **Dr. Ehsan S. Soofi** (USA) - *When Association Indices Fail and Information Indices Succeed*

Beside the above, there were four invited speakers and these are:

1. **Dr. Mohammad Ahsanullah** (USA) - *Generalized Extreme Value Distribution*
2. **Dr. Ismail Bin Mohd.** (Malaysia) - *Biparaboloid-Ellipsoid Programming with Different Axis*
3. **Dr. Hafiz T.A. Khan** (United Kingdom) - *Attitudes Towards Old Age and Age of Retirement Across the World: Findings from the Future of Retirement Survey*
4. **Dr. Mohammad Yahyah** (United Kingdom) - *Application of Statistics in the Pharmaceutical Industry*