

Report on ISBIS sponsored session at *International Conference on Computer Age Statistics in the Era of Big and High Dimensional Data*

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The department of statistics, Savitribai Phule Pune University, welcomed the new year by organizing a statistics conference on “Computer Age Statistics in the era of Big and High Dimensional Data” from January 3rd – 5th, 2019.

The invited session sponsored by ISBIS had three speakers

1. Prof. N. Balakrishna; *Department of Statistics, Cochin University of Science and Technology, Cochin*
2. Dr. Ramasubramanian (Ramsu) Sundararajan; *AI Lab, Cartesian Consulting, Bangalore*
3. Dr. Shibasish Dasgupta; *Lead Statistician, Ford Motor Private Limited, Chennai*

Prof. N. Balakrishna spoke about methods for identification and estimation of AR models with symmetric stable innovations using auto-covariation function and presented an application.

Dr. Sundararajan discussed costs involved in building and deploying complex systems from a practitioner’s point of view. He presented statistical learning applications from his work on radiology, marketing campaigns and airline pricing.

Dr. Dasgupta presented his work on an alternative approach to adaptive lasso. In his work the loss function used is the KL divergence loss instead of the squared and he discussed the oracle properties of KL adaptive lasso.



(Speakers from left to right – Dr. Sundararajan, Prof. Balakrishna and Dr. Dasgupta)



(Session chair Dr. Raman with one of the speakers – Dr. Dasgupta)