International Virtual Conference on Advances in Statistics
Honoring the Contributions of Barry C. Arnold in Statistical Science
May 7 – 8, 2021(Friday – Saturday)

Conference Program

May 7, 2021 (Friday) (in Eastern Time)

10:15 – 10:30 A.M.  Opening (N. Balakrishnan, I, Ghosh, and H. K. T. Ng)
10:30 – 10:45 A.M.  Professor Xinping Cui (Chair, Department of Statistics, UC Riverside)
10:45 – 11:00 A.M.  Professor Barry C. Arnold (Guest of Honor)
11:00 – 12:30 P.M.  Session 1 (3 talks)

11:00 – 11:30 A.M.  N. Balakrishnan: Cumulative residual and relative cumulative residual Fisher information and their properties
11:30 – 12:00 P.M.  Haikady N. Nagaraja: Large-Sample Properties of Jackknife Estimators of the Variance of a Sample Quantile
12:00 – 12:30 P.M.  Carlos A. Coelho: On the Distribution of the Product of Independent Beta Random Variables — Applications
12:30 – 12:45 P.M.  Discussions
12:45 – 1:15 P.M.  Break
1:15 – 3:00 P.M.  Session 2 (3 talks)

1:15 – 1:45 P.M.  Jose Maria Sarabia and Enrique Castillo: Our Joint Work with Barry Arnold: Conditional Specification and Other Topics

1:45 – 2:15 P.M.  Harry Joe: Tail Behavior for Bivariate Distributions Based on Pareto Mixtures

2:15 – 2:45 P.M.  Marc Genton: Tractable Bayes of Skew-Elliptical Link Models for Correlated Binary Data

2:45 – 3:00 P.M.  Discussions

3:00 – 3:15 P.M.  Break

3:15 – 4:30 P.M.  Session 3 (2 talks)


3:45 – 4:15 P.M.  Glen Meeden: A Bayesian Approach to Cluster Sampling Under Simple Random Sampling

4:15 – 4:30 P.M.  Discussions
May 8, 2021 (Saturday) (in Eastern Time)

10:00 – 11:45 A.M.  **Session 4 (3 talks)**

10:00 – 10:30 A.M.  **Nozer D. Singpurwalla:** What is a Statistical Model, Where do Such Models Come From, and How Do they Spawn a Likelihood Function?

10:30 – 11:00 A.M.  **Tomasz Rychlik:** Properties of System Lifetime in the Classical Model with I.I.D. Exponential Component Lifetimes

11:00 – 11:30 A.M.  **Debasis Kundu:** A Simple Step-Stress Model for Lehmann Family of Distributions

11:30 – 11:45 A.M.  **Discussions**

11:45 – 12:00 P.M.  **Break**

12:00 – 1:45 P.M.  **Session 5 (3 talks)**

12:00 – 12:30 P.M.  **Ashis SenGupta:** Model-Based Clustering for Cylindrical Data

12:30 – 1:00 P.M.  **Aman Ullah:** A Flexible Information Theoretic Approach for Inference of Multiple Regression Function and Marginal Effects

1:00 – 1:30 P.M.  **Gyuhyeong Goh:** Bayesian Model Assessment and Selection Using Bregman Divergence

2:00 – 2:15 P.M.  **Discussions**

2:15 – 3:00 P.M.  **Break**
3:00 – 4:15 P.M.  **Session 6 (2 talks)**

3:00 – 3:30 P.M.  **William Q. Meeker**: Assessment of Distributional Goodness-of-Fit for Modeling the Superposition of Renewal Process Data

3:30 – 4:00 P.M.  **Hon Keung Tony Ng**: Nonparametric Approximation Methods for the First-Passage Time Distribution for Degradation Data Measured with Unequal Time Intervals

4:00 – 4:15 P.M.  **Discussions**

4:15 – 4:30 P.M.  **Closing**