



The International Purdue Symposium on Statistics is a venerable tradition initiated in the 1960s by Professor Shanti Gupta in an effort to further the development of the field of Statistics.

### Plenary Speakers

- James O. Berger – Duke University
- Peter Bühlmann – ETH Zürich
- Tony Cai – University of Pennsylvania
- Guy Lebanon – Amazon Inc.
- Xihong Lin – Harvard University
- Donald Rubin – Harvard University

### Workshops - June 5:

- An Overview of Linear Mixed Models
- Introduction to Data Analysis for Big Data
- Stochastic Optimization
- Computing with Big Data: An Introduction to SupR

### Sessions - June 6 – 8; among the topics:

- Big Data in Plant Science
- Big Data Theory and Computation
- Jayanta Ghosh Memorial Sessions
- Herman Rubin Memorial Session
- Nonparametric Bayes: Big Models for Big Data
- Precision Medicine
- Probabilistic Machine Learning and Modern Statistics
- Statistical Challenges for National Security
- Stochastic Analysis

### Among the Speakers:

- Kelly Avery – Inst. for Defense Analyses
- Malgorzata Bogdan – Wroclaw University of Science and Technology
- Karl Broman – UW- Madison
- Aritra Chakravorty - Purdue University
- Shih-Kang Chao - Purdue University
- Guanhua Chen – University of Wisconsin
- Ronald Christensen – New Mexico
- Bertrand Clarke – U of Nebraska- Lincoln
- Anirban DasGupta – Purdue
- Rebecca W. Doerge – Carnegie Mellon
- Haoda Fu – Eli Lilly and Co.
- Subhashis Ghosal – NC State
- Malay Ghosh – University of Florida
- Zijian Guo – Rutgers University
- Xiao Han – U of Southern California
- Jean Honorio - Purdue University
- Suresh Jagannathan – Purdue
- Wesley O. Johnson – UC Irvine
- Prakash Laud – Medical College of WI
- Ker-Chau Li – UCLA and Taiwan Academia Sinica

For more information and a complete list of speakers, please see the symposium website:

<http://www.stat.purdue.edu/symp2018/>