

Summer School in Statistics for Astronomers and Physicists

2005

Penn State's University Park campus • State College, Pennsylvania, USA

June 5–17, 2005

an outreach program of the **Center for Astrostatistics in the Eberly College of Science,**
with support from the **National Science Foundation**

The **2005 Summer School in Statistics for Astronomers and Physicists** is designed to provide physical scientists with a strong foundation and help them develop their expertise in modern statistical techniques. The participants will be taught by leading experts, with a curriculum specifically designed for the needs of astronomers and physicists and with training in statistical software. The topics will include the elements of statistical inference, multivariate analysis, model fitting, image and wavelet analysis, likelihood methods, and computational algorithms.

Additional details can be found at <http://astrostatistics.psu.edu/stat05.html>

ABOUT THE SUMMER SCHOOL

Participants may register for one session or any combination of sessions. Enrollment is limited to twenty-five participants per session and is on a first-come, first-served basis.

June 5–10, 2005

Session 1: Statistical Inference for Astronomers

For astronomers and physicists with little or no prior exposure to statistics

June 12–14, 2005

Session 2: Spatial Processes and Image Analysis

For astronomers and physicists who have attended *Statistical Inference for Astronomers* or have a background in statistics

June 15–17, 2005

Session 3: Computational Algorithms for Astrostatistics

For astronomers and physicists desiring knowledge about cutting-edge computational methods in statistics

For more details on course content, visit:

<http://astrostatistics.psu.edu/stat05.html>

Or e-mail:

G. Jogesh Babu, Department of Statistics, at

babu@stat.psu.edu,

or

Eric D. Feigelson, Department of Astronomy and

Astrophysics, at edf@astro.psu.edu

Registration Fees

\$100 per session; \$225 for all three sessions. Local hotel accommodations during the program sessions is provided at no cost to the admitted participants.

Please visit the Web site for information and registration:

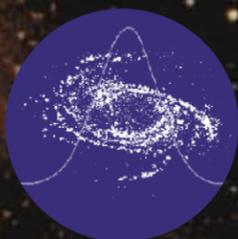
<http://astrostatistics.psu.edu/stat05.html>

For questions about registration, contact:

John Farris, Conference Planner

Phone: 814-863-5100

E-mail: ConferenceInfo1@outreach.psu.edu



PENNSTATE



University
Park

Forthcoming 2006 conference: Statistical Challenges in Modern Astronomy IV

The fourth in a series of international conferences, Statistical Challenges in Modern Astronomy IV, will be held June 11–14, 2006, at Penn State's University Park campus in State College, Pennsylvania. Please save the date and plan to attend! For more information, visit www.astrostatistics.psu.edu or www.outreach.psu.edu/C&I/SCMA4