

Call For Papers
C. Warren Neel Conference on
Statistical Data Mining and Knowledge Discovery
June 22-25
Hyatt Regency
Knoxville , Tennessee

Scientific Program

The concept of *Statistical Data Mining and Knowledge Discovery* has become a new wave of research activity in many cross-disciplinary fields including: computer science, statistical modeling, artificial intelligence, machine learning, business, financial engineering, and medicine, to mention a few.

The C. Warren Neel Conference on *Statistical Data Mining and Knowledge Discovery* will be residential and take place in Hyatt Regency in Knoxville ten minutes from the main campus of the University of Tennessee on the foothills of the Great Smokey Mountains. It is the first such national and international conference on *Statistical Data Mining* which is aimed to bring cross-disciplinary researchers, practitioners, and students together all around the world.

The primary focus of this conference will be to bring national and international experts and practitioners together to share and disseminate new research and developments covering the wide spectrum of areas with emphasis to real-world applications. These areas will include the following:

- *Intelligent Data Mining with Information Complexity, Statistical Modeling, and Genetic Algorithms*
- *Mixed-Data Mining with Gifi System*
- *Principals of Data Mining*
- *Bayesian Data Mining in Marketing and Customer Satisfaction*
- *Categorical Data Mining and Knowledge Discovery on the Web*
- *Experimental Surveys on the Web*
- *Knowledge Discovery in Medicine and Medical Data Bases*
- *Computational Physics and Historical Artifacts*
- *Default Risk Analysis and Credit Scoring*
- *Econometrics and Forecasting*
- *Finance and Financial Engineering*
- *Data Mining in Manufacturing*
- *Market Segmentation and Consumer Preferences*
- *Data Mining Massive Data Sets*
- *Data Mining with GMDH (Group Method of Data Handling)*
- *Statistical Pattern Recognition and Self-Organizing Neural Nets,*
- *Dealing with Databases, Data Warehouses, Scalability*
- *Distributed Data Mining*
- *High Dimensional Data and Computational Feasibility*
- *High Performance Computing, Parallel Processing, and Software Tools in Data Mining*

- *Information and Data Quality, Data Transformation and Cleaning*
- *Knowledge Management Issues*
- *Kohonen Self-Organizing Maps and Spatial Data Mining*
- *Data Mining Tasks and Techniques,*
- *The Role of Classification and Clustering Techniques in Data Mining*
- *The Role of Genetic Algorithms in Data Mining*
- *Understanding Search Engines and Text Mining*
- *Visualization and Visual Data Mining*
- *Web-Based Data Mining*
- *Economy of E-Business and Taxation*
- *Present and Future E-Business*

In addition to the above Scientific Topics, we also encourage and urge all the participating delegates to submit and present papers from the following application areas:

- *Web Data Mining*
- *Financial, Accounting, and E-Business Data*
- *E-business Developments Affecting Supply Chain Design & Management*
- *Pharmaceutical/Medical/Health Industry*
- *Genome Data Mining*
- *Security, Privacy, and Intellectual Ownership*
- *Intelligent Data Mining Algorithms and Software*
- *Data Mining of Scanner Data*
- *Architectural Support for Data Mining*
- *Performance Comparison of Different Learning Algorithms*

Call for Papers

We invite proposals and call for papers for Sessions in addition to the Conference Invited Sessions. Proposed Sessions should have at least three speakers including that of the Session Organizer. Contributed and Poster Session papers are also encouraged from young researchers, international researchers, practitioners, and graduate students in one of the above topical areas to preserve the theme of the Conference.

Proposals for Sessions, Paper, and Poster presentation should include:

- *A title;*
- *An abstract of no more than 300 words for each paper;*
- *Name(s) and Affiliation(s) of the Author(s) with e-mail addresses;*
- *Keywords (up to 6).*

All authors must submit their papers in an abstract form to be considered. Electronic submissions are strongly encouraged in the form of Postscript, Microsoft Word, PDF, or LaTeX files to the Chair of the Scientific Program committee, Prof. Hamparsum Bozdogan, before March 15, 2002. Please send this information to the following e-mail address: stat_dmconference2002@utk.edu.

Please indicate type of presentation desired (Poster, Oral, or Session). If there is more than one author, please indicate who will present the talk.

Proceedings

The Proceedings volume of the selected papers will be published by Chapman & Hall/CRC. Submitted papers will be reviewed by referees. Authors wishing to submit their papers for the publication in the Proceeding volume should send a file containing LaTeX source of the paper to the Chair of the Scientific Program Committee, Prof. Hamparsum Bozdogan, before *May 1, 2002* at the e-mail address: stat_dmconference2002@utk.edu.

The paper should not exceed fifteen pages in length and should follow the guidelines that can be found at the conference website.

New Deadlines

March 15, 2002 : Submission for Session Proposals

April 15, 2002 : Decision by the Conference Committee & Author Notification

May 1, 2002 : Web-ready Submissions

Hotel

The Hyatt Regency is holding a block of rooms at a special conference rate for the nights *June 21 – 25, 2002*. Attendees are responsible for making their own reservations. Conference hotel reservations must be made by *May 21, 2002*, in order to receive the special group rates.

Room rates: Single: *\$77.00*, Double: *\$77.00*, Suite: Rack

Less than **10** minutes from the main campus of the University of Tennessee, the Hyatt Regency is situated within walking distance to Women's Basketball Hall of Fame, Regas Riverfront Tavern, 140 Slip Marina, and Walking Trails along the river. It provides free parking, free fitness center with sauna, large yard with pool, and full service salon. Informations and reservations please contact: Sonya Spell, Property Reservations Manager sspell@tysrkpo.hyatt.com

REGISTRATION FORM

Please send in or fax this card to the conference address as soon as possible. Registration is valid only after receipt of payment. For cancellations after **May 15, 2002**, a cancellation fee of **\$25** will be charged. No refund will be given after **June 16, 2002**.

First Name:

Last Name:

Affiliation:

Mailing address:

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Phone:

E-mail:

Fees and Registration:

Conference fees:	Before <i>May 15, 2002</i>	After <i>May 15, 2002</i>
Regular	\$350.00	\$450.00
Student	\$175.00	\$275.00
Banquet	\$50.00	\$75.00
Extra Banquet	\$50.00 × = \$ <input type="checkbox"/>	\$75.00 × = \$ <input type="checkbox"/>
Special workshop by Elder Research, Inc	\$200.00	\$300.00
Total Payment:	\$	\$

You may fax registration form with credit card information to: 1 – 865 – 974 – 0264

ATTN: Renee, or mail to:

Renee Creswell
 UT Conference Center
 PO Box 2648
 Knoxville, TN 37901 USA

Phone: 1 – 865 – 974 – 0261

e-mail: creswell@outreach.utk.edu

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