

GSS/SSS November 2007 NEWSLETTER
Government Statistics and Social Statistics Sections
American Statistical Association

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IN THIS ISSUE:

- JSM 2007 Plenary Sessions Webcasts Now Available
- Federal Committee on Statistical Methodology 2007 Research Conference, November 5-7, 2007
- Workshop on Privacy and Security - Artificial Intelligence (PSAI 2008)- Call for Papers
- Privacy In Statistical Databases 2008 (PSD 2008) – Call for Papers

Don't forget these upcoming events ~~

- FCSM 2007 Research Conference, November 5-7, 2007
See website for details: <http://www.fesm.gov/events/>

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**JSM 2007 Plenary Sessions Webcasts Now Available**



Webcasts from the following Plenary Sessions in Salt Lake City are available to view **FREE**:

- ASA President's Invited Address, Grace Wahba
- The Deming Lecture, Douglas C. Montgomery
- ASA Awards
- ASA President's Address, Mary Ellen Bock
- COPSS Awards
- The Fisher Lecture, Marvin Zelen

If you missed the Plenary Sessions in Salt Lake City, were unable to attend JSM 2007, or if you want to learn more about JSM, go to <http://www.amstat.org/meetings/jsm/2007/webcasts/index.cfm?Fuseaction=main> to view the webcasts.

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Federal Committee on Statistical Methodology 2007 Research Conference, November 5-7, 2007

Submitted by Nancy Bates

The 2007 Federal Committee on Statistical Methodology (FCSM) Research Conference will be held November 5-7, 2007 at the Sheraton Crystal City Hotel, Arlington, Virginia. The Conference provides a forum for experts from around the world to discuss and exchange current research and methodological topics relevant to Federal government statistical programs. Each day of the conference will offer papers on a wide range of topics including the use of advanced technologies for survey design and data collection, processing and dissemination, variance estimation, treatment of missing data, improving coverage and response rates, confidentiality and disclosure issues, record linkage, sample design and estimation, cognitive research, and data quality.

Technical demonstrations on a variety of applications will run concurrently on the second day of the conference. Applications include demonstrations of audio computer-assisted self-interviewing (ACASI), a pen-based data collection system, computer-assisted recording interviewing (CARI), the use of hand-held computers for data collection, the use of GPS hand-held receivers in agricultural surveys, and data dissemination using the web. Sessions feature papers and demonstrations by government, private sector, and academic researchers from nine countries.

In the opening plenary session, Jon Krosnick from Stanford University will be our guest speaker. All paper sessions will include an open discussion and some sessions will include a formal discussion.

Conference Fee: Registration is \$195. For a copy of the advance program and registration information please refer to: <http://www.fcsm.gov/events/>

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## **Workshop on Privacy and Security - Artificial Intelligence (PSAI 2008)- Call for Papers**

Barcelona, Spain, March 4-7, 2008

*Submitted by Steve Cohen*

<http://crises-deim.urv.cat/psai/>

### I. AIMS AND SCOPE

In this workshop, we aim to convene researchers in the areas of Security, Data Privacy and Artificial Intelligence. We seek to collect the most recent advances in artificial intelligence techniques (i.e. neural networks, fuzzy systems, multi-agent systems, genetic algorithms, image analysis, clustering, etc), which are applied to the protection of privacy and security.

Individual privacy protection is a hot topic and it must be addressed to guarantee the proper evolution of a modern society based on the Information and Communication Techniques (ICTs). However, security policies could invade individual privacy, especially after the appearance of the new forms of terrorism. These two concepts (i.e. security and privacy) are somehow opposite because, most of the times, security is achieved by means of privacy invasion.

Statistical agencies and the like are collecting large amounts of personal information that has to be protected before its publication. Different forms of evolutionary computation and clustering have been proposed to tackle this problem. Moreover, the protection of critical infrastructures such as airports has invigorated the study of more efficient techniques for pattern recognition, image analysis, etc.

This workshop will consider all the artificial intelligence techniques that are used to address these problems. It will be focused on real applications and theoretical contributions. The workshop will be held in conjunction with ARES 2008.

### II. TOPICS COVERED

- Statistical Disclosure Control
- Location-based services
- Statistical databases
- Homeland security
- Robotics
- Cryptography and security protocols
- Intrusion detection systems
- Denial of service attacks
- Pattern recognition
- Image analysis
- Evolutionary computation
- Neural networks
- Multi-agent systems
- Clustering
- Case-based reasoning
- Fuzzy logic

### III. IMPORTANT DATES

\*November, 20th 2007\* -> Submission Deadline

December, 10th 2007 -> Authors Notification

December, 15th 2007 -> Authors Registration

January, 2th 2008 -> Proceedings Version

March, 4th - March, 7th 2008 ->Conference

### IV. SUBMISSIONS, REGISTRATION, etcetera

The submission site for ARES paper will be available in the first week of October. If you have the paper ready to submit, please send it via email to [ares-conference@securityresearch.at](mailto:ares-conference@securityresearch.at). For more information, see the conference web site at <http://crises-deim.urv.cat/psai/>

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Privacy In Statistical Databases 2008 (PSD 2008) - Call for Papers

Istanbul, Turkey, Sep. 24-26, 2008

Submitted by Steve Cohen

<http://unescoprivacychair.urv.cat/psd2008>

1. AIMS AND GOALS

Privacy in statistical databases is about finding tradeoffs to the tension between the increasing societal and economical demand for accurate information and the legal and ethical obligation to protect the privacy of individuals and enterprises which are the respondents providing the statistical data. The motivation for respondent privacy is one of survival for statistical databases: statistical agencies or survey institutes cannot expect to collect accurate information from individual or corporate respondents unless these feel the privacy of their responses is guaranteed.

Beyond respondent privacy, there are two additional privacy dimensions to be considered: privacy for the data owners (organizations owning or gathering the database, who wouldn't like to share the data they have collected at great expense) and privacy for the users (those who submit queries to the database and would like their analyses to stay private).

"Privacy in Statistical Databases 2008" (PSD 2008) is a conference sponsored and organized by the UNESCO Chair in Data Privacy (<http://unescoprivacychair.urv.cat>) and the CONSOLIDER ARES project (<http://crises-deim.urv.cat/ares>), with proceedings published by Springer-Verlag in Lecture Notes in computer Science. Its purpose is to gather world-wide, high-level research in statistical database privacy. PSD 2008 is a successor to PSD 2006 (Rome, Dec. 13-15, 2006, <http://crises-deim.urv.cat/psd2006>) and PSD 2004 (Barcelona, June 9-11, 2004, <http://crises-deim.urv.cat/psd2004>), both with proceedings published by Springer in LNCS 4302 and LNCS 3050, respectively.

Those three PSD conferences follow a tradition of high-quality technical conferences on SDC which started with "Statistical Data Protection-SDP'98", held in Lisbon in 1998 and with proceedings published by OPOCE, and continued

with the AMRADS project SDC Workshop, held in Luxemburg in 2001 and with proceedings published in Springer LNCS vol. 2316.

Like the aforementioned preceding conferences, PSD 2008 originates in Europe, but wishes to stay a worldwide event in database privacy and SDC. Thus, contributions and attendees from overseas are welcome.

2. ORGANIZATION

PROGRAM COMMITTEE

John Abowd (Cornell University and Census Bureau, USA) Elisa Bertino (CERIAS, Purdue University, USA) Jordi Castro (Polytechnical University of Catalonia) Lawrence Cox (Nat. Center for Health Statistics, USA) Josep Domingo-Ferrer (Rovira i Virgili University, Catalonia) Mark Elliot (Manchester University, UK) Elena Ferrari (University of Insubria, Italy) Stephen Fienberg (Carnegie Mellon University, USA) Luisa Franconi (ISTAT, Italy) Sarah Giessing (Destatis, Germany) Anco Hundepool (Statistics Netherlands) Ramayya Krishnan (Carnegie Mellon University, USA) Julia Lane (NORC/University of Chicago, USA) Jane Longhurst (Office for National Statistics, UK) Bradley Malin (Vanderbilt University, USA) Josep M. Mateo-Sanz (Rovira i Virgili University, Catalonia) Krish Muralidhar (University of Kentucky, USA) Silvia Polettini (University of Naples, Italy) Yosef Rinott (Hebrew University, Israel) Gerd Ronning (University of Tuebingen, Germany) Juan Jose Salazar (University of La Laguna, Spain) Maria Joao Santos (EUROSTAT) Yucel Saygin (Sabanci University, Turkey) Eric Schulte-Nordholt (Statistics Netherlands) Francesc Sebe (Rovira i Virgili University, Catalonia) Natalie Shlomo (University of Southampton, UK) Julian Stander (University of Plymouth, UK) Vicenc Torra (IIIA-CSIC, Catalonia) William E. Winkler (Census Bureau, USA) Laura Zayatz (Census Bureau, USA)

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Yucel Saygin (Sabanci University, Turkey)

3. TOPICS OF INTEREST

Topics of interest include but are not limited to:

- New SDC methods for tabular data
- New SDC methods for microdata
- Best SDC practices for tabular data
- Best SDC practices for microdata
- Balancing data quality and data confidentiality in SDC
- Onsite access centers
- Remote access facilities
- SDC software
- Estimating disclosure risk in SDC
- Record linkage methods
- Real-life disclosure scenarios in EU-member states and abroad
- Privacy preserving data mining
- Private information retrieval
- Privacy in web-based e-commerce
- Privacy in healthcare
- Privacy in official and corporate statistics

4. IMPORTANT DATES

Submission deadline: May 25, 2008
Acceptance notification: June 27, 2008
Proceedings version due: July 11, 2008
Conference: Sep. 24-26, 2008.

CD-only submission deadline: July 15, 2008 CD-only acceptance notification: July 31, 2008 CD-only proceedings version due: Aug. 10, 2008

5. SUBMISSIONS, VENUE, REGISTRATION, etcetera.

For information on submissions, proceedings, registration, and other information see
<http://unescoprivacychair.urv.cat/psd2008>

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## GOVERNMENT STATISTICS SECTION

*The mission of the Government Statistics Section (GSS) is to promote the use of sound statistical theory and methods in the production of data at all levels of government - be it Federal, State, local, or international; assist in the broad dissemination of those data; and encourage good statistical practice by all users. Areas of interest for the Section include all that involve the production, dissemination, and application of governmental statistics, including concern with statistical policy issues, quality and usefulness of governmental data products, special problems of State and local data, comparability of data among different countries, and the role of professional statisticians in the public sector.*

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## SOCIAL STATISTICS SECTION

*The Social Statistics Section seeks to advance research in social statistics, both in areas which involve the use of methods of statistical inquiry, and in those which involve the use of statistical data and the development of statistical measurement. This section will also plan for active participation in the affairs of the American Statistical Association by those interested in these matters and for representation of activities in this major field in the program of the ASA.*

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