



IEEE



CALL FOR PAPERS

38th International Symposium on Multiple-Valued Logic

Southern Methodist University

Dallas, Texas, USA, May 22-23, 2008

The Multiple-Valued Logic Technical Committee of the IEEE Computer Society will hold its 38th annual symposium on May 22-23, 2008 in Dallas, Texas. This symposium is sponsored by the IEEE Computer Society and Southern Methodist University. You are invited to submit an original paper, survey or tutorial paper on any subject in the area of multiple-valued logic, including but not limited to:

- Algebraic and Formal Aspects
- Automatic Reasoning
- Communication Systems
- Data Mining
- Image Processing
- Logic Programming
- Nanotechnology
- Quantum Computing
- Spectral Techniques
- ATPG and SAT
- Circuit/Device Implementation
- Computer Arithmetic
- Fuzzy Logic and Soft Computing
- Logic Design
- Switching Theory
- Machine Learning and Robotics
- Philosophical Aspects
- Signal Processing

Schedule:

November 1, 2007: _____ Manuscripts Due
 November 19, 2007: _____ Manuscripts Due _____ EXTENDED
 February 1, 2008: _____ Author Notification
 March 7, 2008: _____ Final Version Due

Authors of selected papers will be asked to provide an extended version to be published in a special issue of the **Journal of Multiple-Valued Logic and Soft Computing**.

All submissions should be formatted according to two-column IEEE conference paper standards and should not exceed 6 pages in length. Paper submission information is available at:

<http://enr.smu.edu/ismv108>

Symposium Chair: Mitch Thornton, Southern Methodist University, USA
 Co-Chair: Rolf Drechsler, University of Bremen, Germany
 Program Chair: Gerhard Dueck, University of New Brunswick, Canada

Program Committee

Felip Manyà, Universitat de Lleida, Spain
 Hajime Machida, Hitotsubashi University, Japan
 Shinobu Nagayama, Hiroshima City University, Japan
 Svetlana Yanushkevich, University of Calgary, Canada
 Radomir Stanković, University of Nis, Serbia
 Takafumi Aoki, Tohoku University, Japan
 Jacqueline Rice, University of Lethbridge, Canada

The symposium will be followed by the **Post Binary ULSI Workshop** on May 24, 2008.