

Other Upcoming Conferences

AMS/MAA Joint Meetings, January 6-9, 2011, New Orleans, LA, USA. MAA is offering a minicourse on Special Relativity Through a Linear Algebraic Lens and a special session for contributed papers on Innovative and Effective Ways to Teach Linear Algebra. One AMS short course is about matroids (http://www.ams.org/meetings/national/jmm/2125_intro.html).

5th International Conference on Mathematics & Statistics, June 13-16, 2011, Athens, Greece (<http://www.atiner.gr/mathematics.htm>).

2nd SIAM Gene Golub Summer School, Waves and Imaging, July 4-11, 2011, Vancouver, British Columbia, Canada (<http://www.siam.org/students/summer.php>).

6th International Workshop on the Numerical Solution of Markov Chains (NSMC 2010), September 16-17, 2010, The College of William and Mary, Williamsburg, VA, USA (<http://www.cs.bilkent.edu.tr/~nsmc10/>).

Triennial SIAM Conference on Applied Linear Algebra, Valencia, Spain, June 18-22, 2012, organized by the SIAM Special Interest Group on Linear Algebra (<http://www.math.temple.edu/~siagla/conference.html>). Endorsed by ILAS.

REPORTS ON CONFERENCES AND WORKSHOPS

19th International Workshop on Matrices and Statistics, Shanghai, China: June 5-8, 2010 Report by Jeffrey J. Hunter & Yonghui Liu

The 19th International Workshop on Matrices and Statistics (IWMS-2010) was held June 5-8 at the Shanghai Finance University in Shanghai, China. This workshop was co-organized by Shanghai Normal University and the E-institute of Computational Science of Shanghai Universities. The workshop was endorsed by the International Linear Algebra Society and supported by the National Natural Science Foundation of China and SPSS China.

The International Organising Committee comprised George P. H. Styan - Honorary Chair of IOC and Honorary Chair of ISC (Montreal, Canada)*, Zhong-Ci Shi - Honorary Chair of IOC, Chair of ISC (Beijing, China)*, Jeffrey J. Hunter – Chair of the IOC (Auckland, New Zealand)*, Hans Joachim Werner - Vice-Chair of the IOC (Bonn, Germany)*, S. Ejaz Ahmed (Windsor, Canada), Zhi-Dong Bai (Singapore)*, Zhong-Zhi Bai (Beijing, China)*, Guo-Liang Chen (Shanghai, China)*, Ben-Yu Guo (Shanghai, China)*, Er-Xiong Jiang (Shanghai, China)*, Tian-Gang Lei (Beijing, China)*, Augustyn Markiewicz (Poznan, Poland), Simo Puntanen (Tampere, Finland), Götz Trenkler (Dortmund, Germany), Julia Volaufova (New Orleans, USA), Dietrich von Rosen (Uppsala, Sweden), Mu-Sheng Wei (Shanghai, China)*, Xue-Jun Xu (Beijing, China)* where * denotes members of the International Scientific Committee (ISC).

The Local Organising Committee (LOC) was chaired by Yonghui Liu (Shanghai Finance University China) and included Rong-Xian Yue (Co-Chair of LOC, Shanghai Normal University, China), Yongge Tian (Central University of Finance and Economics, Beijing, China) Baoxue Zhang (Northeast Normal University, Changcun, China), Rui Li, Rongqiang Che, Yong Fang, Manrong Wang, Keyan Wang, Lei Fu, (all from Shanghai Finance University).

The invited speakers were:

Owe Axelsson, University of Uppsala, Sweden: “A general framework for the construction and analysis of preconditioners of matrices on two by two block form”

Zhidong Bai, Northeast Normal University, China and National University of Singapore: “Making Markowitz portfolio mean-variance principle practically usable by RMT”

Ake Björck, University of Linköping, Sweden: “Gram-Schmidt orthogonalization: 100 years and more”

Kai-Tai Fang, BNU-HKBU United International College, Zhuhai, China: “Additive logistic elliptical distributions”

Karl Gustafson, University of Colorado, Boulder, Colorado, USA: “Forty years of antieigenvalue theory and applications”

Stephen Haslett, Massey University, Palmerston North, New Zealand: “Data cloning and design matrices”

Maya Neytcheva, Uppsala University, Sweden: Numerical techniques to enhance the solution of large scale problems in statistics”
Peter Taylor, University of Melbourne, Australia: “Matrix-analytic methods in stochastic models”,

Guofu Zhou, Washington University, St Louis, USA: “Optimal estimation of a matrix toward portfolio choice: A survey”

Lixing Zhu, Hong Kong Baptist University, Hong Kong: “Generalized linear and single-index models re-visited”.

There were a total of 70 contributed talks, spread over sessions on Matrix Analysis, Matrix Computations, Biostatistics, Financial Mathematics and Statistics, Matrix and Statistics, Matrix and Statistics Computations, Statistical Methods, Computational Statistics, Statistics and Design of experiments, and Stochastic Analysis.

This workshop was one of the largest IWMS meetings that has been held, with 186 participants from 23 states and districts from around the world. It began with a formal opening ceremony and photo session. There were several excursions, including a Saturday evening walk along Shanghai’s famous Bund followed by a cruise on the Huang-Pu River. Special events included an evening banquet at the Langyi Fang in Jin Gao Road and a full day excursion on the Monday for all participants to the Expo 2010 concurrently held in Shanghai.

A special issue with selected papers from the workshop, titled “Numerical Linear Algebra with Applications in Statistics”, will be published in Numerical Linear Algebra with Applications. The editors for this issue are Åke Björck, Maya Neytcheva, Musheng Wei and Yonghui Liu. Acta et Commentationes Universitatis Tartuensis de Mathematica will also publish selected papers presented at IWMS 2010. The editors for this issue are Tõnu Kollo and Dietrich von Rosen. See <http://math.ut.ee/acta/about.html> for details on submission.

The 20th International Workshop on Matrices and Statistics (IWMS-2011) will be held in Tartu, Estonia, June 26 - July 1, 2011 in conjunction with the 9th Tartu Conference on Multivariate Statistics. See <http://www.ms.ut.ee/tartu11/>. The Program Committee is chaired by Dietrich von Rosen (Sweden) with George P. H. Styan, Honorary Chair of IWMS (Canada), and Tõnu Kollo, Vice-Chair (Estonia).

