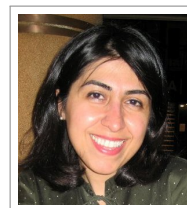


Bitá Analui M.Sc.

Curriculum Vitae

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Education

- Since March 2010 **PhD candidate in Statistics and Operations Research**, *University of Vienna*, Vienna, Austria.
Theme: Multistage Stochastic Optimization of Energy Portfolios under Model Ambiguity, Approved January 2012, Supervisor : Prof. Georg Ch. Pflug.
- 2008–2009 **MSc Statistics**, *The University of Sheffield*, Sheffield, United Kingdom.
Thesis with **Merit**: Relationship of Univariate and Multivariate methods for selecting variables in High dimensional data. Supervisor: Dr. Nick J. Fieller.
- 2005–2007 **MSc Applied Mathematics**, *Iran University of Science and Technology(IUST)*, Tehran, Iran.
Thesis with **Distinction**: Developing evaluation models in organizations using Data Envelopment Analysis. Supervisor: Dr. Mohammad R. Alirezaee.
- 1996–2000 **BSc. Mathematics**, *Alzahra University*, Tehran, Iran.

Professional Experience

- June2012– Present **College Assistant 'IK-Computational Optimization'**, *Institute of Statistics and OR*, University of Vienna.
- May2011– May2012 **Project Assistant**, *Institute of Statistics and OR*, University of Vienna.
WWTF Funded project 'Energy Policies in21st Century'
- July2010– February2012 **Project Assistant and Programmer**, *Institute of Statistics and OR*, University of Vienna.
Modeling and implementing in the OPL 6.3 in the field of 'Stochastic optimization in power systems' for the project in Siemens Österreich.
- September2008– September2009 **MSc Representative**, Department of Probability and Statistics.
University of Sheffield
- January2001– August2008 **Statistics Analyst**, *Tehran South West Power Distribution (TSWPD) Co.*,
Writing analytical performance reports (technical and financial) using statistical methods. Member of budgeting committee. Auditing and monitoring execution contracts using specialized software.
- 2004–2008 **IT Liaison**, *Tehran South West Power Distribution (TSWPD) Co.*, Representing TSWPD in the IT committee of Tehran Regional Electric Co. Supervising the TSWPD's Website Design contract. Member of MRS Project team .

2005–2008 **Mathematical Modeling and Strategic Management Assistant**, *Behin-Cara International Institute of Operations Research*, Performance monitoring using BSC, DEA and BPM techniques in Isfahan Petrochemical Co. Strategic planning project in the Office of Students Scientific Innovations and Creativity (OSSIC), in IUST .

Presentations

Bitá Analui, '*On Robust Multiperiod Stochastic Optimization*', ICSP (International Conf. on Stochastic Programming), July 2013, Bergamo, Italy .

Bitá Analui, '*Sensitivity Analysis in Multistage Stochastic Optimization Problems Under Model Ambiguity*', VOCAL (Veszprém Optimization Conference: Advanced Algorithms), December 2012, Veszprém, Hungary .

Bitá Analui, '*Multistage Stochastic Optimization Problems Under Model Ambiguity*', 21st ISMP, August 2012, Berlin, Germany .

Bitá Analui, *Raimund Kovacevic*, '*Multistage Stochastic Optimization in Hydroelectric Operation*', APMOD March 2012, Paderborn, Germany .

Bitá Analui, '*Stochastic Optimization in Water Resource Management*', March 2012, Center for Hydrometeorology and Remote Sensing, University of California Irvine, CA, the USA .

Bitá Analui, *Raimund Kovacevic*, '*Multistage Stochastic Optimization in Hydroelectric Operation*', ICDHP February 2012, Tehran, Iran .

Bitá Analui, '*Regression Quantiles with errors in variables*', Workshop "Modeling in Finance and Energy" September 2010, University of Vienna, Vienna, Austria.

Bitá Analui, '*Developing Evaluation Models using Data Envelopment Analysis (DEA)*', APMOD May 2008, Bratislava, Slovakia .

Bitá Analui, *Mohammad R. Alirezaee*, '*Frontier Relationship between Performance Metrics*', Euro XXII July 2007, Prague, Czech Rep. .

Publications

Bitá Analui, *Mohammad R. Alirezaee*, *Mohsen Afshariyan*, '*Evaluating TFP growth in Iran Electric Power Industry with DEA*'. Journal of Economical Research, University of Tehran No. 78, 177-206, June 2007.

Bitá Analui, *Raimund M. Kovacevic*, '*Medium Term Hydroelectric Production Planning - a Multistage Stochastic Optimization Model*'. To be appeared in CEIJ 2013 .

Grants and Scholarships

Initiativkolleg -Computational Optimization, *University of Vienna*, June 2012 for two years.

Project Assistantship, '*Energy Policies and Risk Management in 21st century*', WWTF funded project-University of Vienna.
May 2011-May 2012

Summer School Grant, 'Numerical analysis Summer school 2012',
26.6.2012-6.7.2012, Cadarache-France.

Technical Skills

Programming Environments and Software Packages
MATLAB, IBM OPL, AIMMS, WinBUGS, GAMS, R, Splus, SAS, SPSS, Mathematica, MS Office

Language Skills

Persian Mother Language
English Fluent
German Intermediate (B2 Level)
Arabic School knowledge

Technical/General Courses

University Of Vienna

- Advanced Stochastic Processes: Modeling and Approximation
- Advanced Optimization
- Integer Stochastic Optimization

University Of Sheffield

- Bayesian Statistics and Computational Inference
- Multivariate Data and Time Series Analysis
- Extended Linear models
- Survival Analysis and Sampling and Design of Experiments

Iran University Of Science and Tech.

- Numerical Methods In Linear Algebra
- Integral Equations
- Numerical Analysis

Niroy Research Institute

- Energy Audit in Industry

The References and their contact information are available upon request.