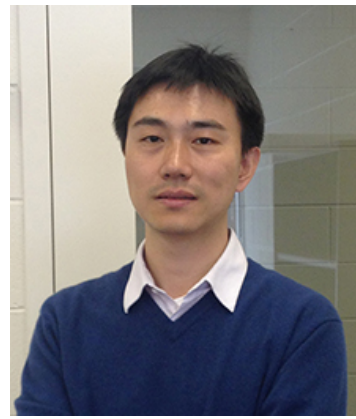


# FENG QIU

Energy Systems Division  
Postdoc Appointee  
Argonne National Laboratory  
Argonne, IL 60439  
Phone: (630) 252-4681  
Email: fqiu@anl.gov



---

## EDUCATION

- Ph.D. in Industrial Engineering** *February 2013*  
Georgia Institute of Technology, Atlanta GA, USA
  - Concentration in *Optimization*, Minor in *Mathematics*
- B.S. and M.S. in Automatic Control** *2000 and 2003*  
Huazhong University of Science and Technology, Wuhan, China

---

## INTERESTS

- Optimization and its applications in energy applications.

---

## SELECTED PUBLICATIONS

- **F. Qiu**, J. Wang. Distributionally Robust Congestion Management with Dynamic Line Ratings. *IEEE Transactions on Power Systems*. Volume. PP, no. 99, pp. 1-2, 2014.
- **F. Qiu**, J. Wang. Chance-Constrained Transmission Switching With Guaranteed Wind Power Utilization. *IEEE Transactions on Power Systems*. Volume. PP, no. 99, pp. 1-9, 2014.
- C. Chen, J. Wang, **F. Qiu**, D. Zhao, 2015, "Resilient Distribution System by Microgrids Formation After Natural Disasters," *IEEE Transactions on Smart Grid*, in press.
- **F. Qiu**, S. Ahmed, S. S. Dey, and L. A. Wolsey. Covering Linear Programs With Violations. *INFORMS Journal On Computing*. Volume 26 Issue 3, Summer 2014, pp. 531-546.
- **F. Qiu**, S. Ahmed, and S. S. Dey. Strengthened Bounds for Probability of k-out-of-n events. *Discrete Applied Mathematics*. To appear.

---

## SELECTED CONFERENCE PRESENTATIONS

- Data-Driven Do-Not-Exceed Limits, **F. Qiu**, et al., Federal Energy Regulation Committee Technical Conference, Washington DC, Jun 2015.
- Power System Restoration with Integrated Sectionalization and Generator Start-up Sequencing, **F. Qiu**, et al., INFORMS Computing Society Conference, Richmond VA, Jan 2015.
- Distributionally Robust Congestion Management with Dynamic Line Ratings, **F. Qiu**, J. Wang, INFORMS Annual Meeting, San Francisco CA, November 2014.
- Probabilistic Sensor Placement With k-Coverage Requirement, **F. Qiu**, S. Ahmed, and S. S. Dey, IIE Annual Conference, Orlando FL, May 2012.
- A Computational Study of Probabilistic Covering Linear Programs, **F. Qiu**, S. Ahmed, and S. S. Dey, Mixed-Integer Programming Workshop, Waterloo ON, Canada, June 2011.

---

## PROFESSIONAL EXPERIENCE

- Sabre Airline Solutions**, Dallas TX, USA *June 2009 – Aug. 2009*  
*Summer Intern*
- FirstTech (IBM ILOG China Solution Center)**, Shanghai, China *June 2003 – June 2005*  
*Researcher and Senior Developer*

---

## PROFESSIONAL SERVICES

- Reviewer for *Journal of Optimization Theory and Applications*, *Optimization Letter*, *Journal of Global Optimization*, *IEEE Transactions on Smart Grid*, *IEEE Transactions on Power Systems*, *Applied Energy*, and *IEEE Power Engineering Letters*
- Guest editor for *IEEE Transactions on Smart Grid* special issue on power grid resilience
- Session chairs for *INFORMS Annual Meetings*
- Member of IEEE, IIE, INFORMS, Optimization Society, Computing Society, Mathematical Optimization Society