

DANIEL M. FLEDER
<http://www.danfleder.com>
dfleder@yahoo.com

EMPLOYMENT

Global Electronic Trading Company (GETCO) / KCG
New York and Chicago

Magnetar Capital – Quantitative Equities
Summer Associate, New York

Citigroup – Quantitative Credit
Summer Associate, New York

McKinsey & Company
Business Analyst, New York

EDUCATION

The Wharton School, University of Pennsylvania
Ph.D in Operations and Information Management

The Wharton School, University of Pennsylvania
M.A. in Statistics

University of Pennsylvania, School of Engineering
B.S. Major: Systems engineering. Minor: Mathematics
Summa cum laude

RESEARCH

Interests: Data mining, applied statistics, information systems

Publications

- K. Hosanagar, D. Fleder, D. Lee, and A. Buja. 2014. Will the global village fracture into tribes: recommender systems and their effects on consumer fragmentation. Forthcoming at *Management Science*.
- Fleder, D., K. Hosanagar, and A. Buja. 2010. Recommender systems and their effects on consumers: the fragmentation debate. *Proceedings of the ACM Conference on Electronic Commerce, Harvard University*.
- Fleder, D. and K. Hosanagar. 2009. Blockbuster culture's next rise or fall: The effect of recommender systems on sales diversity. *Management Science* 55(5):697-712.
- Fleder, D. and K. Hosanagar. 2007. A missing data paradox for nearest neighbor recommender systems. *Proceedings of the Workshop on Information Technology and Systems*.
- Fleder, D. and K. Hosanagar. 2007. Recommender systems and their effect on sales diversity. *Proceedings of the Eighth ACM Conference on Electronic Commerce*.
- Fleder, D. and B. Padmanabhan. 2006. Cluster evolution and interpretation via penalties. *Proceedings of the Sixth IEEE International Conference on Data Mining, DMDM Workshop*.
- Abrahams A., A. Becker, D. Fleder, and I. C. MacMillan. 2005. Handling generalized cost functions in the partitioning optimization problem through sequential binary programming. *Proceedings of the Fifth IEEE International Conference on Data Mining*.

Working Papers

- Fleder, D. and B. Padmanabhan. 2009. Clustering over time and data set comparison. Under journal submission.

Popular Press Coverage

- *SiriusXM: Business Radio from Wharton*. Mass personalization. Feb 2014.
- *Knowledge at Wharton*. Different worlds: Do recommender systems fragment consumer interests. Aug 2011.
- *New Scientist*. The Harry Potter effect. Dec 2008.
- *Billboard.biz*. Wharton study examines music discovery service. Feb 2008.
- *Knowledge at Wharton*. Reinforcing the blockbuster nature of media. Oct 2007.

Invited Talks and Conferences

- Fleder, D. and K. Hosanagar. 2008. A missing data paradox for nearest neighbor recommender systems. *NYU-Stern Fourth Symposium on Statistical Challenges in Electronic Commerce Research*.
- Fleder, D., K. Hosanagar, and A. Buja. 2008. Recommender systems and consumers: the fragmentation debate. *Workshop on Information Systems and Economics*.
- Fleder, D. and K. Hosanagar. 2008. Recommender systems and diversity. *Network Economics Institute Conference*, Stern/NYU.
- Fleder, D. 2008. Recommender systems and mechanisms for information sharing. *Russell Ackoff Fellowship Workshop*, The Wharton School.
- Fleder, D. and K. Hosanagar. 2007. Recommender systems and sales diversity. *Wharton Invitational Choice Symposium*, Session on Social Networks.
- Fleder, D. and K. Hosanagar. 2006. Blockbuster culture's next rise or fall: The effect of recommender systems on sales diversity. *Workshop on Information Systems and Economics*.

- Abrahams A., A. Becker, D. Fleder, and I.C. MacMillan. 2005. Partitioning for profit: adapting data segmentation approaches from engineering to commerce. *Workshop on Formal Modeling for Electronic Commerce*.
- Fleder, D. 2004. Recent work in cost-sensitive machine learning. *OPIM Information and Decision Technology (IDT) Seminar*, The Wharton School.

CASES WRITTEN

Original cases authored for OPIM-101 (core class of 600 students/year)

1. Optimization: Supply chain configuration
2. Optimization: Market entry decisions
3. Simulation: Optimal advertising allocation

SERVICE

Reviewer – Knowledge Discovery and Data Mining (KDD)
 Reviewer – International Conference on Data Mining
 Reviewer – SIAM Conference on Data Mining
 Reviewer – ACM Conference on Electronic Commerce
 Reviewer – Management Science
 Wharton Doctoral Council
 Wharton Jazz Club