

# EVANGELOS E. PAPALEXAKIS

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## POSITIONS

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- **University of California Riverside**, Riverside, CA (August 2016 - present)  
Assistant Professor at the CSE Department.
- **Carnegie Mellon University**, Pittsburgh, PA (September 2011 - August 2016)  
Graduate Researcher at the CS Department.
- **Google Research**, Mountain View, CA (May 2015 - August 2015)  
Software Engineering Intern at the Structured Data Group with Dr. Alon Halevy, Dr. Steven Whang, and Dr. Xiao Yu.
- **Microsoft Research - Silicon Valley**, Mountain View, CA (May 2014 - August 2014)  
Research Intern at the Search Labs with Dr. Rakesh Agrawal.
- **Microsoft Research - Silicon Valley**, Mountain View, CA (May 2013 - August 2013)  
Research Intern at the Interaction & Intent group with Dr. Ariel Fuxman and Dr. Ashok Chandra.
- **Technical University of Crete**, Chania, Greece (May 2010 - August 2011)  
Graduate Researcher at the ECE department.

## EDUCATION

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- **Ph.D** in Computer Science  
**Carnegie Mellon University**, Computer Science Department, August 2011 - August 2016.  
Advisor: Prof. Christos Faloutsos.  
Thesis title: *Mining Large Multi-Aspect Data: Algorithms & Applications*  
Committee: Prof. Tom Mitchell, Prof. Nikos Sidiropoulos, Prof. Jeff Schneider.
- **M.Sc** in Electronic and Computer Engineering  
**Technical University of Crete**, Greece, March 2010 - July 2011 , Courses GPA: **9.625/10**  
Advisor: Prof. Nikos Sidiropoulos.  
Thesis title: *Co-clustering as multilinear decomposition with sparse latent factors*.  
Committee: Prof. Athanasios Liavas & Prof. Minos Garofalakis.
- **Diploma** in Electronic and Computer Engineering  
**Technical University of Crete**, Greece, September 2005 - February 2010 (4.5 out of 5 years)  
Grade: **9.05/10 (Excellent- in the top 2% of all Department's graduates)**.  
Advisor: Prof. Nikos Sidiropoulos.  
Thesis title: *Reviewer Profiling Using Factor Analysis*.  
Committee: Prof. Athanasios Liavas & Prof. Minos Garofalakis.

## HONORS

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- SIGKDD 2017 Doctoral Dissertation Award (runner-up).
- Selected among the "20 rising stars" of the KDD community for 2016 by Microsoft Research Asia and Microsoft Academic Search.
- Best Student Paper Award at SIAM SDM 2016.
- Travel Award for the SIAM SDM 2016 Conference.
- Finalist for the Facebook PhD Fellowship 2015.
- Finalist for the Microsoft Research PhD Fellowship 2014 (29 out of 181 applications).
- Best student paper award (runner-up) at PAKDD 2014.
- Papers selected as "best of the conference" for ASONAM 2013, SDM 2014, WWW 2015 Web Science Track.

- Travel Award for the 2014 SIAM Conference on Parallel Processing for Scientific Computing (PP14).
- Performance Fellowship by the Technical University of Crete for the academic years 2005-2006, 2006-2007, 2007-2008 & 2008-2009 (top 10% of class).

## PUBLICATIONS

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No. citations: **1075**

H-index: **19**

(source: <http://scholar.google.com/citations?user=2P1kinAAAAAJ&hl=en>, September 14, 2017)

### REFEREED CONFERENCE PUBLICATIONS

1. Ioakeim Perros, Evangelos E Papalexakis, Fei Wang, Richard Vuduc, Elizabeth Searles, Michael Thompson, Jimeng Sun, *SPARTan: Scalable PARAFAC2 for Large & Sparse Data*, ACM KDD 2017, Halifax, NS, Canada
2. Pravalika Devineni, Evangelos E Papalexakis, Danai Koutra, A. Seza Dogruoz, Michalis Faloutsos, *One Size Does not Fit All: Profiling Personalized Time-Evolving User Behaviors*, IEEE/ACM ASONAM 2017, Sydney, NSW, Australia.
3. Tai Ching Li, Joobin Gharibshah, Evangelos E Papalexakis, Michalis Faloutsos, *TrollSpot: Detecting misbehavior in commenting platforms*, IEEE/ACM ASONAM 2017, Sydney, NSW, Australia.
4. Joobin Gharibshah, Tai Ching Li, Maria Solanas Vanrell, Evangelos E. Papalexakis, Andre Castro, Konstantinos Pelechris, Michalis Faloutsos, *InferIP: Extracting actionable information*, IEEE/ACM ASONAM 2017, Sydney, NSW, Australia.
5. Xiao Fu, Kejun Huang, Otilia Stretcu, Hyun Ah Song, Evangelos E. Papalexakis, Partha Talukdar, Tom Mitchell, Nicholas Sidiropoulos, Christos Faloutsos, Barnabas Poczos, *BrainZoom: High Resolution Reconstruction from Multimodal Brain Signals*, SIAM SDM 2017, Houston, TX
6. Ashkan Sadeghi-Mobarakeh, Mahdi Kohansal, Evangelos E Papalexakis, Hamed Mohsenian-Rad, *Data Mining based on Random Forest Model to Predict the California ISO Day-ahead Market Prices*, IEEE ISGT (Innovative Smart Grid Technologies Conference) 2017, Washington DC
7. Jinoh Oh, Kijung Shin, Evangelos E Papalexakis, Christos Faloutsos, Hwanjo Yu, *S-HOT: Scalable High-Order Tucker Decomposition*, ACM WSDM 2017, Cambridge, UK
8. Xiao Fu, Kejun Huang, Evangelos E Papalexakis, Hyun-Ah Song, Partha Pratim Talukdar, Nicholas D Sidiropoulos, Christos Faloutsos, Tom Mitchell, *Efficient and distributed algorithms for large-scale generalized canonical correlations analysis*, IEEE ICDM 2016, Barcelona, Spain
9. Evangelos E. Papalexakis, *Automatic Unsupervised Tensor Mining with Quality Assessment*, SIAM SDM 2016, Miami  
**Best Student Paper Award**
10. Bryan Hooi, Hyun-Ah Song, Evangelos E. Papalexakis, Rakesh Agrawal, Christos Faloutsos, *Matrices, Compression, Learning Curves: formulation, and the GroupNTeach algorithms*, PAKDD 2016, Auckland, New Zealand
11. Evangelos E. Papalexakis, Konstantinos Pelechris, Christos Faloutsos, *Location Based Social Network Analysis Using Tensors and Signal Processing Tools*, IEEE CAMSAP 2015, Cancun, Mexico
12. Matt Gardner, Kejun Huang, Evangelos E. Papalexakis, Xiao Fu, Partha Pratim Talukdar, Christos Faloutsos, Nicholas D.Sidiropoulos, Tom Mitchell, *Translation Invariant Word Embeddings* EMNLP 2015, Lisbon, Portugal
13. Rakesh Agrawal, Behzad Golshan, Evangelos E. Papalexakis, *Whither Social Networks for Web Search?* ACM SIGKDD 2015, Industry Track, Sydney, Australia, NSW [authors in alphabetical order]
14. Rakesh Agrawal, Behzad Golshan, Evangelos E. Papalexakis, *A study of distinctiveness in web results of two search engines*, WWW 2015 Web Science Track, Florence, Italy [authors in alphabetical order]  
**Selected as one of the best papers of WWW 2015, Web Science Track**
15. Kejun Huang, Nicholas D. Sidiropoulos, Christos Faloutsos, Evangelos E. Papalexakis, Partha Pratim Talukdar, Tom Mitchell, *Principled Neuro-Functional Connectivity Discovery*, SIAM SDM 2015, Vancouver, Canada
16. Inah Jeon, Evangelos E. Papalexakis, U Kang, Christos Faloutsos, *HaTen2: Billion-scale Tensor Decompositions*, IEEE ICDE 2015, Seoul, Korea
17. Evangelos E. Papalexakis, Christos Faloutsos, *Fast Efficient and Scalable Core Consistency Diagnostic for the PARAFAC Decomposition for Big Sparse Tensors*, IEEE ICASSP 2015, Brisbane, Australia
18. Evangelos E. Papalexakis, Alona Fyshe, Nicholas Sidiropoulos, Partha Pratim Talukdar, Tom Mitchell, Christos Faloutsos, *Good-Enough Brain Model: Challenges, Algorithms and Discoveries in Multi-Subject Experiments*, ACM SIGKDD 2014, New York City, USA

19. Ching-Hao Mao, Chung-Jung Wu, Kuo-Chen Lee, Evangelos E. Papalexakis, Christos Faloutsos, *MalSpot: Multi<sup>2</sup> Malicious Network Behavior Patterns Analysis*, PAKDD 2014, Tainan, Taiwan
20. Miguel Araujo, Spiros Papadimitriou, Stephan Günnemann, Christos Faloutsos, Prithwish Basu, Ananthram Swami, Evangelos E. Papalexakis, Danai Koutra, *Com2: Fast Automatic Discovery of Temporal (Comet) Communities*, PAKDD 2014, Tainan, Taiwan  
**Best student paper award (runner up)**
21. Spiros Papadimitriou, Evangelos E. Papalexakis, *Towards laws of the 3d-printable design web*, 2014 ACM conference on Web science (WebSci)  
**Best lightning talk award**
22. Nicholas Sidiropoulos, Evangelos E. Papalexakis, Christos Faloutsos, *A Parallel Algorithm for Big Tensor Decomposition Using Randomly Compressed Cubes (PARACOMP)*, ICASSP 2014, Florence, Italy
23. Evangelos E. Papalexakis, Tom Mitchell, Nicholas Sidiropoulos, Christos Faloutsos, Partha Pratim Talukdar, Brian Murphy, *Turbo-SMT: Accelerating Coupled Sparse Matrix-Tensor Factorizations by 200x*, SDM 2014, Philadelphia, PA, USA  
**Selected as one of the best papers of SDM 2014**
24. Alex Beutel, Abhimanu Kumar, Evangelos E. Papalexakis, Partha Pratim Talukdar, Christos Faloutsos, Eric Xing, *FlexiFact: Scalable Flexible Factorization of Coupled Tensors on Hadoop* SDM 2014, Philadelphia, PA, USA
25. Evangelos E. Papalexakis, Konstantinos Pelechrinis, Christos Faloutsos, *Spotting Misbehaviors in Location-based Social Networks using Tensors*, WWW 2014 Web Science Track (poster), Seoul, Korea
26. Ariel Fuxman, Ashok Chandra, Pradeep Chilakamarri, Michael Gamon, Bernhard Kohlmeir, Yuanhua Lv, Dhyanes Narayanan, Patrick Pantel, Evangelos E. Papalexakis, Bo Zhao, *Contextual Insights*, WWW 2014 (Poster Track), Seoul, Korea
27. Evangelos E. Papalexakis, Tudor Dumitras, Duen Horng (Polo) Chau, B. Aditya Prakash, Christos Faloutsos, *Spatio-temporal Mining of Software Adoption & Penetration*, ASONAM 2013, Niagara Falls, Canada, August 2013  
**Selected as one of the best papers of ASONAM 2013**
28. Evangelos E. Papalexakis, Leman Akoglu, Dino Ienco, *Do more Views of a Graph help? Community Detection and Clustering in Multi-Graphs*, Fusion 2013, Istanbul, Turkey
29. Misael Mongiovi, Petko Bogdanov, Razvan Ranca, Ambuj K. Singh, Evangelos E. Papalexakis, Christos Faloutsos, *NetSpot: Spotting Significant Anomalous Regions on Dynamic Networks*, SDM 2013, Austin, Texas, May 2013
30. Yasuko Matsubara, Lei Li, Evangelos E. Papalexakis, David Lo, Yasushi Sakurai, Christos Faloutsos, *F-Trail: Finding Patterns in Taxi Trajectories*, PAKDD 2013, Gold Coast, Queensland, Australia, April 2013
31. Danai Koutra, Evangelos E. Papalexakis, Christos Faloutsos, *TensorSplat: Spotting Latent Anomalies in Time*, PCI (16th Panhellenic Conference on Informatics with international participation), Piraeus, Greece, Oct. 2012
32. Evangelos E. Papalexakis, Christos Faloutsos, Nicholas D. Sidiropoulos, *ParCube: Sparse Parallelizable Tensor Decompositions*, European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases 2012 (ECML-PKDD), Bristol, United Kingdom.
33. Evangelos E. Papalexakis, Alex Beutel, Peter Steenkiste, *Network Anomaly Detection using Co-clustering*, IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining ASONAM 2012, Istanbul, Turkey
34. U Kang, Evangelos E. Papalexakis, Abhay Harpale, Christos Faloutsos, *GigaTensor: Scaling Tensor Analysis Up By 100 Times - Algorithms and Discoveries*, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD) 2012, Beijing, China
35. Evangelos E. Papalexakis, Nicholas D. Sidiropoulos *Co-clustering as Multilinear Decomposition with Sparse Latent Factors*, IEEE ICASSP 2011, Prague, Czech Republic

## REFEREED JOURNAL PUBLICATIONS

1. Nicholas D Sidiropoulos, Lieven De Lathauwer, Xiao Fu, Kejun Huang, Evangelos E Papalexakis, Christos Faloutsos, *Tensor decomposition for signal processing and machine learning*, IEEE Transactions on Signal Processing, 2017
2. Konstantinos Pelechrinis, Evangelos E. Papalexakis, *The anatomy of American football: evidence from 7 years of NFL game data*, PLoS one, 2016
3. Evangelos E Papalexakis, Christos Faloutsos, Nicholas D Sidiropoulos, *Tensors for data mining and data fusion: Models, applications, and scalable algorithms*, ACM Transactions on Intelligent Systems and Technology (TIST) 2016
4. Rakesh Agrawal, Behzad Golshan, Evangelos E. Papalexakis, *Toward Data-Driven Design of Educational Courses: A Feasibility Study*, JEDM-Journal of Educational Data Mining 2016

5. Inah Jeon, Evangelos E Papalexakis, Christos Faloutsos, Lee Sael, U Kang, *Mining billion-scale tensors: algorithms and discoveries*, The VLDB Journal, 2016
6. Evangelos E. Papalexakis, Tom Mitchell, Nicholas Sidiropoulos, Christos Faloutsos, Partha Pratim Talukdar, Brian Murphy, *Turbo-SMT: Parallel Coupled Sparse Matrix-Tensor Factorizations and Applications*, Statistical Analysis and Data Mining (Best of SDM 2014 Special Issue Pt. 2)
7. Rakesh Agrawal, Behzad Golshan, Evangelos E. Papalexakis, *Overlap in the Web Search Results of Google and Bing*, The Journal of Web Science (invited as one of the best papers of WWW'15 Web Science Track)
8. Evangelos E. Papalexakis, Bryan Hooi, Konstantinos Pelechrinis, Christos Faloutsos, *Power-Hop: A Pervasive Observation for Real Complex Networks*, PLoS ONE 11(3)
9. Evangelos E. Papalexakis, Christos Faloutsos, Nicholaos D. Sidiropoulos, *ParCube: Sparse Parallelizable CANDECOMP-PARAFAC Tensor Decomposition*, ACM Transactions on Knowledge Discovery from Data, 2015
10. Evangelos E. Papalexakis, Tudor Dumitras, Duen Horng (Polo) Chau, B. Aditya Prakash, Christos Faloutsos, *SharkFin: Spatio-temporal Mining of Software Adoption & Penetration*, Social Network Analysis and Mining (SNAM), Springer, December 2014
11. Evangelos E. Papalexakis, Alona Fyshe, Nicholas Sidiropoulos, Partha Pratim Talukdar, Tom Mitchell, Christos Faloutsos, *Good-Enough Brain Model: Challenges, Algorithms and Discoveries in Multi-Subject Experiments*, Big Data Journal, December 2014
12. Evrim Acar, Evangelos E. Papalexakis, Gozde Gurdeniz, M. Rasmussen, A. J. Lawaetz, M. Nilsson, Rasmus Bro, *Structure-Revealing Data Fusion*, BMC Bioinformatics, 2014
13. Nicholaos D. Sidiropoulos, Evangelos E. Papalexakis, Christos Faloutsos, *PARALLEL RANDOMLY COMPRESSED CUBES (PARACOMP): A Scalable Distributed Architecture for Big Tensor Decomposition*, IEEE Signal Processing Magazine, Special Issue on Signal Processing for Big Data, 2014
14. Evangelos E. Papalexakis, Nicholaos D. Sidiropoulos, Rasmus Bro, *From K-means to higher-way co-clustering: Multilinear Decomposition with Sparse Latent Factors*, IEEE Transactions on Signal Processing, January 2012
15. U Kang, Brendan Meeder, Evangelos E. Papalexakis, Christos Faloutsos, *HEigen: Spectral Analysis for Billion-Scale Graphs*, IEEE Transactions on Knowledge and Data Engineering, November 2011
16. Rasmus Bro, Evangelos E. Papalexakis, Evrim Acar, Nicholaos D. Sidiropoulos *Coclustering - a useful tool for Chemometrics*, Journal of Chemometrics, 2012.

## BOOK CHAPTERS

1. Evangelos E. Papalexakis, Alex Beutel, Peter Steenkiste, *Network Anomaly Detection using Co-clustering*, in Springer Encyclopedia of Social Network Analysis and Mining, 2014.

## REFEREED WORKSHOP PUBLICATIONS

1. Liuqing Yang, Evangelos E. Papalexakis, *Exploration of Social and Web Image Search Results Using Tensor Decomposition*, CVPR Workshop on Tensor Methods for Computer Vision 2017, Honolulu, Hawaii
2. Evangelos E. Papalexakis, A. Seza Doğruöz, *Understanding Multilingual Social Networks in Online Immigrant Communities*, at the Multilingual Web Access (MWA) Workshop at WWW 2015, Florence, Italy
3. Evangelos E. Papalexakis, Dong Nguyen, Seza Doğruöz, *Predicting Code-switching in Multilingual Communication for Immigrant Communities*, at the Workshop on Computational Approaches to Code Switching at EMNLP 2014, Doha, Qatar
4. Evangelos E. Papalexakis, Nicholaos D. Sidiropoulos, Minos Garofalakis *Reviewer Profiling Using Sparse Matrix Regression*, IEEE OEDM 2010 Workshop, held in conjunction with ICDM 2010, Sydney, Australia
5. Nicholaos D. Sidiropoulos, Evangelos E. Papalexakis, *Three-way Co-clustering*, SIAM workshop on Tensor Decompositions and Applications (TDA 2010), Monopoli, Bari, Italy, 13-17 September 2010

## ACADEMIC ACTIVITIES

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### Research Funding

At UC Riverside:

- Adobe Data Science Research Award 2017, \$50,000 as unrestricted gift.
- Co-PI for NSF EAGER 1746031 *Joint Modeling and Querying of Social Media and Video Data*, \$200,000 for 1 year (with Vagelis Hristidis, Vassilis Tsotras, Amit Roy-Chowdhury).
- PI for Naval Engineering Educational Consortium (NEEC) Grant N00174-17-1-0005 *Big Multi-Aspect Data Mining via Scalable and Incremental Tensor Decompositions and Applications to Social Network Analysis*, \$259,000 for 3 years.

At CMU:

- Contributed in grant proposal writing NSF IIS-1247489 *BIGDATA: Mid-Scale: DA: Collaborative Research: Big Tensor Mining: Theory, Scalable Algorithms and Applications* (with Tom Mitchell; and UMN: Nikos Sidiropoulos, George Karypis).

### Service/Reviewing

- **Program Committee Member:** SIGMOD DyNetMM 2013 Workshop, CIKM 2014, CIKM 2015, ASONAM 2016, CIKM 2016, SDM 2017, ASONAM 2017, KDD 2017, Senior PC CIKM 2017.
- **Journal Reviewer:** Journal of Machine Learning Research (JMLR), ECML/PKDD 2014 Journal Track, Springer Data Mining & Knowledge Discovery (DAMI), Springer ESNAM Encyclopedia, IEEE Transactions on Knowledge & Data Engineering (TKDE), IEEE Transactions on Signal Processing (TSP), IEEE Selected Topics on Signal Processing, IEEE Signal Processing Letters, Elsevier Neurocomputing.

### Teaching Experience

At UC Riverside

- Instructor for class *CS235 Data Mining Techniques* (Fall 2017) at University of California Riverside.
- Instructor for class *CS260 Data Mining Using Tensor Methods* (Spring 2017) at University of California Riverside.
- Instructor for class *CS235 Data Mining Techniques* (Fall 2016) at University of California Riverside.

At CMU

- Guest Lecture on *Tensor Decompositions* for class *15-826 Multimedia Databases and Data Mining* (Fall 2014) at Carnegie Mellon University.
- Guest Lecture on *Scalable Tensor Methods* for class *10-605 Machine Learning with Large Datasets* (Fall 2013) at Carnegie Mellon University.
- Teaching Assistant for classes *15-826 Multimedia Databases and Data Mining* (Fall 2013) and *15-415/615 DB Applications* (Spring 2014) at Carnegie Mellon University.
- Teaching Assistant and web-master for the Graph Analytics Workshop, organized at Carnegie Mellon University, September 10-13, 2012. Website: <http://www.cs.cmu.edu/~epapalex/gmc/>.
- Teaching Assistant for the *Statistical Signal Processing for Communications* course at TUC, March 2011 - August 2011, and for the *Introduction to Optimization* course at TUC, September 2010 - February 2011.

### Student Mentoring/Advising

At UC Riverside

- *Ms. Pravallika Devineni*, CSE PhD student
- *Ms. Ekta Gujral*, CSE PhD student
- *Mr. Ravdeep Pasricha*, CSE PhD student
- *Ms. Liuqing Yang*, CSE MS student
- *Ms. Chaoyun Ma*, CSE MS student
- *Ms. Sharmistha Bardhan*, CSE MS student
- *Mr. Lufei Xie*, CSE MS student
- *Mr. Wei Chen*, CSE MS student
- *Mr. Amr Elsisy*, CSE Undergraduate

At CMU

- *Ms. Qi Xia*, Senior MS student at the MCDS program at CMU.
- *Ms. Hyun-Ah Song*, Machine Learning PhD student at CMU.
- *Mr. Jingkun Gao*: Civil Engineering PhD student at CMU.
- *Ms. Ticha Sethapakdi*: Undergraduate student with double major in Arts and Computer Science at CMU.
- *Ms. Elizabeth (Lijia) Hong*: Senior MS student at the VLIS program at CMU (at Pinterest).

## Tutorials

- *Tensors for Signal Processing and Machine Learning* at IEEE ICASSP 2017 in New Orleans, LA, USA, with Nikos Sidiropoulos, Xiao Fu, and Lieve De Lathauwer.
- *Factoring Tensors in the Cloud: A Tutorial on Big Tensor Data Analytics* at IEEE ICASSP 2014 in Florence, Italy, with Nikos Sidiropoulos.
- *Big Arctic Data: A tutorial on Big Data*, Arctic Analysis 2014, Ilulissat, Greenland. This conference was organized by Prof. Rasmus Bro, bringing researchers from Chemometrics, Food Sciences, and Computer Science together.

## INVITED TALKS

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1. *Tensor Decompositions for Big Multi-aspect Data Analytics*, Second Workshop of Mission Critical Big Data Analytics, May 2017, Prairie-View A&M University (hosted by Lijun Qian).
2. *Tensor Decompositions for Big Multi-aspect Data Analytics*, NIPS'16 Tensor-Learn Workshop, December 2016, Barcelona, Spain
3. *Big Signal Processing for Multi-Aspect Data Science*, Northeastern University, March 2016, (hosted by Tina Eliassi-Rad).
4. *Big Signal Processing for Multi-Aspect Data Science*, Texas A&M University, March 2016, (hosted by James Caverlee).
5. *Big Signal Processing for Multi-Aspect Data Science*, University of California Riverside, March 2016, (hosted by Eamonn Keogh).
6. *Big Signal Processing for Multi-Aspect Data Science*, University of Illinois at Chicago, February 2016, (hosted by Brian Ziebart).
7. *Big Signal Processing for Multi-Aspect Data Science*, NYU Stern School of Business, February 2016, (hosted by Arun Sundarajan).
8. *Big Signal Processing for Multi-Aspect Data Science*, University of Notre Dame, February 2016, (hosted by Nitesh Chawla).
9. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Facebook HQ, Menlo Park, November 2015 (hosted by Sofus Macskassy).
10. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Rutgers University, NJ, October 2015 (hosted by Tina Eliassi-Rad).
11. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Microsoft Research Asia, Beijing, China, August 2015 (hosted by Yu Zheng).
12. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Chinese Academy of Sciences, Beijing, China, August 2015 (hosted by Ping Luo).
13. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Tsinghua University, Beijing, China, August 2015 (hosted by Peng Cui).
14. *Overlap Between Google and Bing Web Search Results! Twitter to the Rescue?*, COSN'15 PC Workshop, Stanford University, CA (hosted by Rakesh Agrawal).
15. *Efficient and Effective Brain Activity Mining and Modeling*, Singapore Management University, Singapore, April 2015 (hosted by David Lo).
16. *Mining Large Multi-Aspect Data: Algorithms and Applications*, Beyond the Horizon Workshop, University of Bristol, UK, November 2014.
17. *Efficient and Effective Brain Activity Mining and Modeling*, Carnegie Mellon University Qatar, Doha, Qatar, October 2014 (hosted by Mohammad Hammoud).
18. *Big Arctic Data: A tutorial on Big Data*, Arctic Analysis 2014, Ilulissat, Greenland, March 2014.
19. *Scaling Up Tensor Decompositions with MapReduce*, SIAM Conference on Parallel Processing (PP), Portland, OR, Feb. 19, 2014.
20. *Data Mining using Coupled Matrix Tensor Factorization*, SIAM Conference on Computational Science and Engineering (CSE), Boston, MA, Feb. 25- March 1, 2013 (Minisymposium Speaker).