

Exhibit 1003

Peter B Danzig, PhD

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EDUCATION

- Ph.D. in Computer Science, University of California at Berkeley, 1989.
- BS in Applied Physics, with highest honors, University of California at Davis, 1982.

WORK EXPERIENCE

- Founder, Chief Strategy Officer, Virtuata Inc, October 2010–Present.
- Board of Directors, PepperMob Inc, 2011–2012.
- Adjunct Professor of Computer Engineering, University of California Santa Cruz. 2010–present.
- Technical Advisory Board Panzura Networks, 2009–present.
- Technical advisory board Metavana Inc. 2009–present. InStart, 2011–present.
- Investor 2011, Cotendo CDN, Acquired by Akamai.
- Technical advisory board, Cedexis Inc, 2011.
- Visiting Instructor, Distributed Systems, Stanford. 2009/2010. CS349c.
- CEO, Wirama Inc, 2008. Acquired by Checkpoint Systems CKP.
- Advisory Board, Movik Networks, 2008.
- Investor: Wirama, Vaska. Technical advisory board: TerraCotta, GetListed and CacheLogic 2006–2008.
- Visiting Lecturer, Computer Networks and Distributed Systems. 244A, 244B and 244C. CS349C. Computer Science. Stanford University. 2001–2005, 2009–2010.
- Technical Advisory Boards: Peribit Networks, Air Prism, NetVMG, Network Physics. 2001–2007.

- Consulting: Ironport. 2005–2007.
- Consulting: Inktomi and Yahoo patent infringement defense. 2001–2004.
- Entrepreneur-in-Residence, ABS Ventures and Accel Venture Partners. 2001.
- Vice-President Technology, Akamai Technologies. 1999–2000.
- Chief Architect, Network Appliance Corporation, 1997–1999.
- Chief Technical Officer and Founder, Internet Middleware Corporation (Acquired by Network Appliance). 1996–1997.
- Associate Professor, Computer Science Department, University of Southern California (USC) 1996–1999.
- Assistant Professor, Computer Science Department, USC 1990–1996.
- Member of the Technical Staff, TRW Defense Systems Group. 1983–1984.

AWARDS and HONORS and ACTIVITIES

- National Advisory Board Union Concerned Scientists
- Global Leadership Council Natural Resource Defense Council NRDC
- Big Brother 2001–2009.
- NSF National Young Investigator (NYI), 1994–1999.
- USC Innovative Teaching Award 1991 and 1993.
- Demetri Angelakos Service Award, UC Berkeley Computer Science.
- American Electronic Association Faculty Development Fellowship 1985–1989.
- Graduated with highest honors (top 1%), U.C. Davis, June 1982.
- President's Undergraduate Fellowship, U.C. Davis, 1981–1982.

REFEREED JOURNAL PUBLICATIONS

[98a] Peter B. Danzig. "NetCache architecture and deployment". Computer Networks and ISDN Systems 30 (1998), p. 2081–2091.

[97a] Shih-Hao Li and Peter B. Danzig. "Boolean Similarity Measures for Resource Discovery". IEEE Trans. On Knowledge and Data Engineering, Vol. 9, No. 6, November/December 1997.

[97b] Sugih Jamin, Peter B. Danzig, Scott Shenker, Lixia Zhang. A measurement-based Admission Control Algorithm for Integrated Services Packet Networks. ACM Transaction on Networking, February 1997, p. 56–70.

[96a] Shih-Hao Li and Peter B. Danzig. "Precision and Recall of Ranking Information-Filtering Systems".

Journal of Intelligent Information Systems, Volume 7, Number 3. 1996.

[96b] Jong Suk Ahn and Peter B. Danzig. "Hybrid Technique for Simulating High Bandwidth-Delay Computer Networks." ACM Transactions on Networking 4, 5 October 1996, p 743-757.

[95a] C. Mic Bowman, Peter B. Danzig, Darren Hardy, Udi Manber, Michael F. Schwartz, and Duane P. Wessels. "Harvest: A Scalable, Customizable Discovery and access System." Computer Networks and ISDN Systems. Vol 28. P 119-1125, 1995.

[94a] Shih-Hao Li and Peter B. Danzig. "Boolean Similarity Measures". IEEE Transactions on Knowledge Engineering. 1996.

[94c] Peter B. Danzig. "Multicast and buffer overflow." IEEE Transactions on Software Engineering, Volume 20, Number 1, January 1994, p. 1-12.

[93a] C. Mic Bowman, Peter B. Danzig, and Michael F. Schwartz. "Research Problems for Scalable Internet Resource Discovery". Communications of the ACM, Volume 37, Number 8, p 98-107, August 1994.

[93b] Peter B. Danzig, Katia Obraczka, and Shih-Hao Li. "Internet Resource Discovery Services". IEEE Computer, Volume 26, Number 9, p. 8-22, September 1993.

[92a] Peter B. Danzig, Shih-Hao Li, and Katia Obraczka, "Distributed Indexing of Autonomous Internet Services". Computer Systems, Volume 5, Number 4, 1992.

[91a] Peter B. Danzig, Sugih Jamin, Ramon Caceres, Danny Mitzel, and Deborah Estrin. "An artificial workload model of a TCP/IP internetwork". Journal of Internetworking: Research and Experience, Vol. 3, p. 1-26, 1992.

[91c] Peter B. Danzig. "A Cooperative Game with Applications to Computer Networks" Information Processing Letters, Vol 38, Number 6, p. 283-289, June 1991.

REFEREED CONFERENCE PUBLICATIONS

[97a] Sugih Jamin, Scott Shenkar, and Peter Danzig. Comparison of Measurement-based Admission Control Algorithms for Controlled-Load Service, INFOCOMM 1997.

[96a] Anawat Chankhunthod, Peter B. Danzig, Chuck Neerdaeles, Michael F. Schwartz, and Kurt Worrell. A Hierarchical Internet Object Cache. 1996 Usenix Technical Conference..

[95b] Sugih Jamin, Peter B. Danzig, Scott Shenker, Lixia Zhang. A measurement-based Admission Control Algorithm for Integrated Services Packet Networks. 1995 ACM SIGCOMM.

[95c] Peter B. Danzig, Zhen Liu, Limin Yan, Jong-suk Ahn. TCP Vegas: Experimental Evaluation of Packet Network Flow Control Algorithms by Live Emulation. ACM SIGCOMM 1995,

[95d] Shih-Hao Li and Peter B. Danzig. "Vocabulary Problem in Internet Resource Discovery systems". To Appear: 2nd International Workshop on Next Generation Information Technologies and Systems. NGITS '95, 6/1995.

[94e] Mic Bowman, Peter Danzig, Darren R. Hardy, Udi Manber, and Michael Schwartz. "The Harvest Resource

Discovery and Access System". Proceedings of the Second International World Wide Web Conference, p. 763–771, 9/1994.

[93c] Peter B. Danzig, Rick Hall, Michael F. Schwartz. "A Case for Caching File Objects Inside Internetworks." ACM SIGCOMM 93, p.239–248.

[93d] C. Mic Bowman, Peter B. Danzig, and Michael F. Schwartz. "Research Problems for Scalable Internet Resource Discovery" INET 93, p. DFB1–DFB10.

[92b] Peter B. Danzig, Anant Kumar, and Katia Obraczka. "An analysis of wide-area DNS name server traffic." ACM SIGCOMM 92, p. 281–292.

[91d] Ramon Caceres, Peter B. Danzig, Sugih Jamin, Danny Mitzel. "Characteristics of individual application conversations in wide area TCP/IP internetworks". 1991 ACM SIGCOMM Conference, p. 101–112.

[91e] Peter Danzig, Jong Suk Ahn, John Noll, and Katia Obraczka. "Distributed Indexing: A scalable mechanism for distributed information retrieval. 1991 ACM SIGIR Conference, p. 220–229.

[91f] Peter B. Danzig. "An Analytical Model of Operating System Protocol Processing Including Effects of Multiprogramming". ACM Sigmetrics Conference, p. 11–20, 1991.

[89b] Peter B. Danzig. "Finite Buffers and Fast Multicast." 1989 ACM SIGMETRICS and Performance 89 Conference, p. 108–117, May 23–26, 1989.

[87a] Gaetano Borriello, Andrew Cherson, Peter B. Danzig, and Michael Nelson. "Special or General-Purpose Hardware for Prolog: A Case Study." ACM ASPLOS-2, p. 136–145, 1987.

PROGRAM COMMITTEES and REFEREEING

- National Advisory Board, Union of Concerned Scientists. National Advisory Committee, Sierra Club. Global Leadership Council, National Resource Defense Council.
- Guest Editor, IEEE JSAC, 2002.
- Program Committees: IEEE INFOCOMM 1996, ACM SIGCOMM 1996, 1995, and 1993. ACM SIGMETRICS 1993 and 1996. Web Caching Conference 1998 and 1999. WISP 1999. WIDM 1999.
- Panel Member for NSF Networking Research, NYI, Power, and Career panels.
- Associate Editor: Journal of Internetworking: Research and Experience, 1994–1996.
- Referee for ACM SIGCOMM, ACM SIGMETRICS, ACM TOCS, ACM/IEEE TON.
- USC Innovative Teaching Awards 1992–1993.

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