

# Complete Bibliography

Jon Crowcroft

Feb 4, 2013

## References

- [1] Z. Nabi, T. Moncaster, A. Madhavapeddy, S. Hand, and J. Crowcroft, “Evolving tcp. how hard can it be?” *CoNEXT Student 2012 - Proceedings of the ACM Conference on the 2012 CoNEXT Student Workshop*, pp. 35–36, 2012.
- [2] N. Vallina-Rodriguez, S. Scellato, H. Haddadi, C. Forsell, J. Crowcroft, and C. Mascolo, “Los twindignados: The rise of the indignados movement on twitter.” in *Social-Com/PASSAT*. IEEE, 2012, pp. 496–501. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6403618>
- [3] Y. Song, J. Crowcroft, and J. Zhang, “Epileptic eeg signal analysis and identification based on nonlinear features.” in *BIBM*. IEEE Computer Society, 2012, pp. 1–6. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6373898>
- [4] K. Nilakant, J. Crowcroft, and E. Yoneki, “Mistify: Augmenting cloud storage with delay-tolerant cooperative backup.” in *WiMob*. IEEE Computer Society, 2012, pp. 341–348. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6362315>
- [5] A. Sathiaseelan and J. Crowcroft, “Internet on the move: challenges and solutions.” *Computer Communication Review*, vol. 43, no. 1, pp. 51–55, 2013.
- [6] A. Martn-Campillo, J. Crowcroft, E. Yoneki, and R. Mart, “Evaluating opportunistic networks in disaster scenarios,” *Journal of Network and Computer Applications*, 2012.
- [7] N. Vallina-Rodriguez, J. Shah, A. Finamore, Y. Grunenberger, H. Haddadi, K. Papagiannaki, and J. Crowcroft, “Breaking for commercials: Characterizing mobile advertising,” *Proceedings of the ACM SIGCOMM Internet Measurement Conference, IMC*, pp. 343–356, 2012.

- [8] M. Oliveira, J. Crowcroft, and M. Slater, “An innovative design approach to build virtual environment systems,” *Proceedings of the Workshop on Virtual Environments, EGVE’03*, pp. 143–151, 2003.
- [9] O. Martinez-Bonastre, M.-J. Montpetit, P. Cesar, J. Crowcroft, M. Matijasevic, and Z. Liu, “Introduction to the special section on smart, social, and converged tv,” *IEEE Transactions on Multimedia*, vol. 14, pp. 1513–1514, 2012.
- [10] J. An, M. Cha, P. Gummadi, and J. Crowcroft, “Media landscape in twitter: A world of new conventions and political diversity.” in *ICWSM*, L. Adamic, R. Baeza-Yates, and S. Counts, Eds. The AAAI Press, 2011. [Online]. Available: <http://www.aaai.org/Library/ICWSM/icwsm11contents.php>
- [11] N. Lathia, D. Quercia, L. Capra, and J. Crowcroft, “Recsys’11 workshop outline pema 2011: personalization in mobile applications.” in *RecSys*, B. Mobasher, R. Burke, D. Jannach, and G. Adomavicius, Eds. ACM, 2011, pp. 391–392. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/recsys/recsys2011.html>
- [12] J. Miller and J. Crowcroft, “Avatar movement in world of warcraft battlegrounds.” in *NETGAMES*. IEEE, 2009, pp. 1–6. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=5439368>
- [13] F. Wang, N. Helian, S. Wu, Y. Guo, D. Deng, L. Meng, W. Zhang, J. Crowcroft, J. Bacon, and M. Parker, “Eight times acceleration of geospatial data archiving and distribution on the grids,” *IEEE T GEOSCI REMOTE*, vol. 47, pp. 1444–1453, May 2009.
- [14] S. Scellato, C. Mascolo, M. Musolesi, and V. Latora, “Epcast: Controlled dissemination in human-based wireless networks using epidemic spreading models,” in *BIO-INSPIRED COMPUTING AND COMMUNICATION*, P. Lio, E. Yoneki, and D. Verma, Eds., vol. 5151, 2008, pp. 295–306.
- [15] Y. Lu, P. Lio, and S. Hand, “Beta random projection,” in *BIO-INSPIRED COMPUTING AND COMMUNICATION*, P. Lio, E. Yoneki, and D. Verma, Eds., vol. 5151, 2008, pp. 319–331.

- [16] D. Kronhaus and S. Eglen, “The role of simplifying models in neuroscience: Modelling structure and function,” in *BIO-INSPIRED COMPUTING AND COMMUNICATION*, P. Lio, E. Yoneki, and D. Verma, Eds., vol. 5151, 2008, pp. 33–44.
- [17] J. Tang, M. Musolesi, C. Mascolo, and V. Latora, “Temporal distance metrics for social network analysis,” in *2ND ACM SIGCOMM WORKSHOP ON ONLINE SOCIAL NETWORKS (WOSN 09)*, 2009, pp. 31–36.
- [18] J. Anderson, C. Diaz, J. Bonneau, and F. Stajano, “Privacy-enabling social networking over untrusted networks,” in *2ND ACM SIGCOMM WORKSHOP ON ONLINE SOCIAL NETWORKS (WOSN 09)*, 2009, pp. 1–6.
- [19] G. Bella, G. Costantino, J. Crowcroft, and S. Riccobene, “Enhancing dsr maintenance with power awareness,” *Computer Standards and Interfaces*, vol. 35, pp. 107–113, 2013.
- [20] D. Quercia, M. Bodaghi, and J. Crowcroft, “Loosing ” in *WebSci*, N. Contractor, B. Uzzi, M. Macy, and W. Nejdl, Eds. ACM, pp. 251–254.
- [21] D. Quercia, H. Askham, and J. Crowcroft, “Tweetlda: supervised topic classification and link prediction in twitter.” in *WebSci*, N. Contractor, B. Uzzi, M. Macy, and W. Nejdl, Eds. ACM, 2012, pp. 247–250. [Online]. Available: <http://doi.acm.org/10.1145/2380718.2380750>
- [22] M. Skjegstad, B. Ellingster, T. Maseng, and J. Crowcroft, “Large-scale peer-to-peer discovery mechanism and architecture for frequency allocation,” Oct 2012. [Online]. Available: <http://arxiv.org/abs/1210.3552v1>
- [23] H. Kim, J. Crowcroft, and F. Ramos, “Efficient channel selection using hierarchical clustering,” *2012 IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks, WoWMoM 2012 - Digital Proceedings*, 2012.
- [24] D. Sez-Trumper, D. Quercia, and J. Crowcroft, “Ads and the city: considering geographic distance goes a long way.” in *RecSys*, P. Cunning-

- ham, N. Hurley, I. Guy, and S. Anand, Eds. ACM, 2012, pp. 187–194. [Online]. Available: <http://doi.acm.org/10.1145/2365952.2365988>
- [25] M. Montpetit, P. Cesar, M. Matijasevic, Z. Liu, J. Crowcroft, and O. Martinez-Bonastre, “Surveying the social, smart and converged tv landscape: Where is television research headed?” Sep 2012, 18 pages, 1 figure. [Online]. Available: <http://arxiv.org/abs/1209.2905v1>
- [26] Y. Song, J. Crowcroft, and J. Zhang, “Automatic epileptic seizure detection in eegs based on optimized sample entropy and extreme learning machine.” *J Neurosci Methods*, vol. 210, pp. 132–146, Sep 2012. [Online]. Available: <http://www.ncbi.nlm.nih.gov/pubmed/22824535>
- [27] H. Haddadi, R. Mortier, S. Hand, I. Brown, E. Yoneki, J. Crowcroft, and D. McAuley, “Privacy analytics,” *COMPUTER COMMUNICATION REVIEW*, vol. 42, pp. 94–98, Apr 2012.
- [28] J. Crowcroft, “Cutting the energy cost of tv content distribution by 5, by understanding the popularity of the top ten programs.” in *e-Energy*, M. Marsan, S. Goyal, S. Xu, A. Fernandez, M. Prodanovic, and K. Christensen, Eds. ACM, 2012, pp. 1–1. [Online]. Available: <http://dl.acm.org/citation.cfm?id=2208828>
- [29] —, “Differential piracy.” *Computer Communication Review*, vol. 42, no. 3, pp. 32–33, 2012.
- [30] M. Haahr and J. Crowcroft, “Editorial for special issue on social-based routing in mobile and delay-tolerant networks,” *Ad Hoc Networks*, 2012.
- [31] N. Vallina-Rodriguez and J. Crowcroft, “Energy management techniques in modern mobile handsets,” *IEEE Communications Surveys and Tutorials*, 2012.
- [32] G. Bella, G. Costantino, J. Crowcroft, and S. Riccobene, “Enhancing dsr maintenance with power awareness,” *Computer Standards and Interfaces*, 2012.
- [33] E. Yoneki and J. Crowcroft, “Epimap: Towards quantifying contact networks for understanding epidemiology in developing countries,” *Ad Hoc Networks*, 2012.

- [34] D. Quercia, D. Casas, J. Pesce, D. Stillwell, M. Kosinski, V. Almeida, and J. Crowcroft, “Facebook and privacy: The balancing act of personality, gender, and relationship currency.” in *ICWSM*, J. Breslin, N. Ellison, J. Shanahan, and Z. Tufekci, Eds. The AAAI Press, 2012. [Online]. Available: <http://www.aaai.org/Library/ICWSM/icwsm12contents.php>
- [35] J. Crowcroft and I. Brown, “From panopticon to fresnel, dispelling a false sense of security.” in *Communications and Multimedia Security*, ser. Lecture Notes in Computer Science, B. Decker and D. Chadwick, Eds., vol. 7394. Springer, 2012, pp. 238–242. [Online]. Available: [http://dx.doi.org/10.1007/978-3-642-32805-3\\_24](http://dx.doi.org/10.1007/978-3-642-32805-3_24)
- [36] H. Kim, J. Yoon, and J. Crowcroft, “Network analysis of temporal trends in scholarly research productivity,” *Journal of Informetrics*, vol. 6, pp. 97–110, 2012.
- [37] I. Leontiadis, C. Efstratiou, C. Mascolo, and J. Crowcroft, “Senshare: Transforming sensor networks into multi-application sensing infrastructures.” in *EWSN*, ser. Lecture Notes in Computer Science, G. Picco and W. Heinzelman, Eds., vol. 7158. Springer, 2012, pp. 65–81. [Online]. Available: <http://dx.doi.org/10.1007/978-3-642-28169-3>
- [38] A. Chaudhry, A. Madhavapeddy, C. Rotsos, R. Mortier, A. Aucinas, J. Crowcroft, S. Eide, S. Hand, A. Moore, and N. Vallina-Rodriguez, “Signposts: end-to-end networking in a world of middleboxes.” in *SIGCOMM*, L. Eggert, J. Ott, V. Padmanabhan, and G. Varghese, Eds. ACM, 2012, pp. 83–84. [Online]. Available: <http://dl.acm.org/citation.cfm?id=2342356>
- [39] D. Quercia, D. Saghda, and J. Crowcroft, “Talk of the city: Our tweets, our community happiness.” in *ICWSM*, J. Breslin, N. Ellison, J. Shanahan, and Z. Tufekci, Eds. The AAAI Press, 2012. [Online]. Available: <http://www.aaai.org/Library/ICWSM/icwsm12contents.php>
- [40] J. Crowcroft, “The dns is not a right. oh yes it is. oh no it isn’t. oh yes it is...” *Computer Communication Review*, vol. 42, no. 2, pp. 103–104, 2012.
- [41] N. Lathia, D. Quercia, and J. Crowcroft, “The hidden image of the city: Sensing community well-being from urban mobility.” in *Pervasive*, ser. Lecture Notes in Computer Science, J. Kay, P. Lukowicz, H. Tokuda,

- P. Olivier, and A. Krger, Eds., vol. 7319. Springer, 2012, pp. 91–98. [Online]. Available: <http://dx.doi.org/10.1007/978-3-642-31205-2>
- [42] D. Quercia, R. Lambiotte, D. Stillwell, M. Kosinski, and J. Crowcroft, “The personality of popular facebook users.” in *CSCW*, S. Poltrock, C. Simone, J. Grudin, G. Mark, and J. Riedl, Eds. ACM, 2012, pp. 955–964. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/cscw/cscw2012c.html>
- [43] D. Quercia, L. Capra, and J. Crowcroft, “The social world of twitter: Topics, geography, and emotions.” in *ICWSM*, J. Breslin, N. Ellison, J. Shanahan, and Z. Tufekci, Eds. The AAAI Press, 2012. [Online]. Available: <http://www.aaai.org/Library/ICWSM/icwsm12contents.php>
- [44] D. Quercia, J. Ellis, L. Capra, and J. Crowcroft, “Tracking ” in *CSCW*, S. Poltrock, C. Simone, J. Grudin, G. Mark, and J. Riedl, Eds. ACM, pp. 965–968.
- [45] P. Hui, J. Crowcroft, and E. Yoneki, “Bubble rap: Social-based forwarding in delay-tolerant networks,” *IEEE T MOBILE COMPUT*, vol. 10, pp. 1576–1589, Nov 2011.
- [46] R. Chen, E. Lua, Z. Cai, J. Crowcroft, and Z. Chen, “Green: Towards a pollution-free peer-to-peer content sharing service,” Aug 2011. [Online]. Available: <http://arxiv.org/abs/1108.1343v1>
- [47] R. Chen, E. Lua, J. Crowcroft, L. Tang, and Z. Chen, “Phagocytes: A holistic defense and protection against active p2p worms,” Aug 2011. [Online]. Available: <http://arxiv.org/abs/1108.1350v1>
- [48] F. Ramos, J. Crowcroft, R. Gibbens, P. Rodriguez, and I. White, “Reducing channel change delay in iptv by predictive pre-joining of tv channels,” *SIGNAL PROCESS-IMAGE*, vol. 26, pp. 400–412, Aug 2011.
- [49] E. Yoneki, J. Crowcroft, P. Lio’, N. Walton, M. Vojnovic, and R. Whitaker, “Message from the workshop on the future of social networking,” *COMPUT COMMUN REV*, vol. 41, pp. 14–18, Jul 2011.
- [50] N. Sastry, D. Manjunath, K. Sollins, and J. Crowcroft, “Data delivery properties of human contact networks,” *IEEE T MOBILE COMPUT*, vol. 10, pp. 868–880, Jun 2011.

- [51] J. Crowcroft, D. Manjunath, and A. Misra, “2011 3rd international conference on communication systems and networks, comsnets 2011: Message from the tpc chairs,” *2011 3rd International Conference on Communication Systems and Networks, COMSNETS 2011*, 2011.
- [52] A. Martn-Campillo, R. Mart, E. Yoneki, and J. Crowcroft, “Electronic triage tag and opportunistic networks in disasters,” *Proceedings of the Special Workshop on Internet and Disasters, SWID’11*, 2011.
- [53] N. Vallina-Rodriguez, C. Efstratiou, G. Xie, and J. Crowcroft, “Enabling opportunistic resources sharing on mobile operating systems: Benefits and challenges,” *Proceedings of the Annual International Conference on Mobile Computing and Networking, MOBICOM*, pp. 29–31, 2011.
- [54] E. Yoneki and J. Crowcroft, “Epimap: Towards quantifying contact networks and modelling the spread of infections in developing countries,” *ACWR 2011 - Proceedings of the International Conference on Wireless Technologies for Humanitarian Relief*, pp. 233–240, 2011.
- [55] N. Vallina-Rodriguez and J. Crowcroft, “Erdos: Achieving energy savings in mobile os,” *MobiSys’11 - Compilation Proceedings of the 9th International Conference on Mobile Systems, Applications, and Services and Co-located Workshops - MobiArch 2011 Workshop, MobiArch’11*, pp. 37–42, 2011.
- [56] G. Mapp, M. Aiash, H. Guardia, and J. Crowcroft, “Exploring multi-homing issues in heterogeneous environments.” in *AINA Workshops*. IEEE Computer Society, 2011, pp. 690–695. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/aina/ainaw2011.html>
- [57] D. Quercia, J. Ellis, L. Capra, and J. Crowcroft, “In the mood being influential on twitter mood,” *Proceedings - 2011 IEEE International Conference on Privacy, Security, Risk and Trust and IEEE International Conference on Social Computing, PASSAT/SocialCom 2011*, pp. 307–314, 2011.
- [58] —, “In the mood for being influential on twitter.” in *SocialCom/PASSAT*. IEEE, 2011, pp. 307–314. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6112285>
- [59] D. Quercia, M. Kosinski, D. Stillwell, and J. Crowcroft, “Our twitter profiles, our selves: Predicting personality with twitter.” in

*SocialCom/PASSAT*. IEEE, 2011, pp. 180–185. [Online]. Available: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6112285>

- [60] D. Quercia, I. Leontiadis, L. McNamara, C. Mascolo, and J. Crowcroft, “Spotme if you can: Randomized responses for location obfuscation on mobile phones,” *Proceedings - International Conference on Distributed Computing Systems*, pp. 368–372, 2011.
- [61] S. Scellato, C. Mascolo, M. Musolesi, and J. Crowcroft, “Track globally, deliver locally: improving content delivery networks by tracking geographic social cascades.” in *WWW*, S. Srinivasan, K. Ramamritham, A. Kumar, M. Ravindra, E. Bertino, and R. Kumar, Eds. ACM, 2011, pp. 457–466. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/www/www2011.html>
- [62] J. Crowcroft, A. Madhavapeddy, M. Schwarzkopf, T. Hong, and R. Mortier, “Unclouded vision.” in *ICDCN*, ser. Lecture Notes in Computer Science, M. Aguilera, H. Yu, N. Vaidya, V. Srinivasan, and R. Choudhury, Eds., vol. 6522. Springer, 2011, pp. 29–40. [Online]. Available: <http://dx.doi.org/10.1007/978-3-642-17679-1>
- [63] P.-U. Tournoux, V. Conan, J. Crowcroft, J. Leguay, M. De Amorim, and F. Benbadis, “Wardrop equilibrium formulation of resource-constrained dtn routing in public safety networks,” *Proceedings - 8th IEEE International Conference on Mobile Ad-hoc and Sensor Systems, MASS 2011*, pp. 968–974, 2011.
- [64] J. Crowcroft, “Copyright and piracy,” in *Copyright and Piracy*, L. Bently, J. Davis, and J. Ginsburg, Eds. Cambridge Univ Pr, Nov 2010.
- [65] —, “The uk, the internet and peter kirstein,” *J I TELECOMMUN PROF*, vol. 4, pp. 42–47, Oct 2010.
- [66] F. Dressler, T. Suda, I. Carreras, M. Murata, J. Crowcroft, and G. Karlsson, “Bio-inspired networking,” *IEEE J SEL AREA COMM*, vol. 28, pp. 521–523, May 2010.
- [67] J. Crowcroft and E. Yoneki, “European routes to reinventing internet technology.” *Nature*, vol. 464, p. 486, Mar 2010. [Online]. Available: <http://www.ncbi.nlm.nih.gov/pubmed/20336112>



- [68] C. Efstratiou, I. Leontiadis, C. Mascolo, and J. Crowcroft, “A shared sensor network infrastructure.” in *SenSys*, J. Beutel, D. Ganesan, and J. Stankovic, Eds. ACM, 2010, pp. 367–368. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sensys/sensys2010.html>
- [69] F. Ramos, J. Crowcroft, R. Gibbens, P. Rodriguez, and I. White, “Channel smurfing: Minimising channel switching delay in iptv distribution networks.” in *ICME*. IEEE, 2010, pp. 1327–1332. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/icmcs/icme2010.html>
- [70] N. Belblidia, M. Amorim, J. Leguay, V. Conan, J. Crowcroft, and S. Fdida, “Contact surround in opportunistic networks.” in *PIMRC*. IEEE, 2010, pp. 2499–2504. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/pimrc/pimrc2010.html>
- [71] N. Vallina-Rodriguez, P. Hui, J. Crowcroft, and A. Rice, “Exhausting battery statistics: understanding the energy demands on mobile handsets.” in *MobiHeld*, L. Cox and A. Wolman, Eds. ACM, 2010, pp. 9–14. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/mobiheld2010.html>
- [72] J. Crowcroft, “Fie: future internet enervation.” in *Computer Communication Review*, vol. 40, no. 3, 2010, pp. 48–52.
- [73] J. Miller and J. Crowcroft, “Group movement in world of warcraft battlegrounds,” *International Journal of Advanced Media and Communication*, vol. 4, pp. 387–404, 2010.
- [74] S.-H. Lee, S. Wong, C.-K. Chau, K.-W. Lee, J. Crowcroft, and M. Gerla, “Intermr: Inter-manet routing in heterogeneous manets.” in *MASS*. IEEE, 2010, pp. 372–381. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mass/mass2010.html>
- [75] J. Crowcroft, “Internet failures: An emergent sea of complex systems and critical design errors?” *Computer Journal*, vol. 53, pp. 1752–1757, 2010.
- [76] A. Madhavapeddy, R. Mortier, J. Crowcroft, and S. Hand, “Multiscale not multicore: Efficient heterogeneous cloud computing,” in *Proceedings of the 2010 ACM-BCS Visions of Computer Science Conference*, ser. ACM-BCS 10. Edinburgh: British Computer Society, 2010, pp. 6:1–6:12, location:

Edinburgh, United Kingdom articleno: 6 numpages: 12 acmid: 1811191. [Online]. Available: <http://dl.acm.org/citation.cfm?id=1811182.1811191>

- [77] S. Taherian, M. Pias, G. Coulouris, and J. Crowcroft, “Profiling energy use in households and office spaces.” in *e-Energy*, H. Meer, S. Singh, and T. Braun, Eds. ACM, 2010, pp. 21–30. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/eenergy/eenergy2010.html>
- [78] D. Quercia, N. Lathia, F. Calabrese, G. Lorenzo, and J. Crowcroft, “Recommending social events from mobile phone location data.” in *ICDM*, G. Webb, B. Liu, C. Zhang, D. Gunopulos, and X. Wu, Eds. IEEE Computer Society, 2010, pp. 971–976. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/icdm/icdm2010.html>
- [79] F. Ramos, R. Gibbens, F. Song, P. Rodriguez, J. Crowcroft, and I. White, “Reducing energy consumption in iptv networks by selective pre-joining of channels.” in *Green Networking*, P. Barford, J. Padhye, and S. Sahu, Eds. ACM, 2010, pp. 47–52. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/greenet2010.html>
- [80] F. Song, H. Zhang, S. Zhang, F. Ramos, and J. Crowcroft, “Relative delay estimator for sctp-based concurrent multipath transfer.” in *GLOBECOM*. IEEE, 2010, pp. 1–6. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/globecom/globecom2010.html>
- [81] M. Freeman, N. Watkins, E. Yoneki, and J. Crowcroft, “Rhythm and randomness in human contact.” in *ASONAM*, N. Memon and R. Alhajj, Eds. IEEE Computer Society, 2010, pp. 184–191. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/asunam/asonam2010.html>
- [82] N. Sastry and J. Crowcroft, “Spinthrift: Saving energy in viral workloads,” *Proceedings of the 1st ACM SIGCOMM Workshop on Green Networking, Green Networking '10, Co-located with SIGCOMM 2010*, pp. 69–75, 2010.
- [83] —, “Spinthrift: saving energy in viral workloads.” in *Green Networking*, P. Barford, J. Padhye, and S. Sahu, Eds. ACM, 2010, pp. 69–76. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/greenet2010.html>
- [84] M. Ostilli, E. Yoneki, I. Leung, J. Mendes, P. Lio, and J. Crowcroft, “Statistical mechanics of rumour spreading in network communities,” in *ICCS 2010*

- *INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE, PROCEEDINGS*, vol. 1, 2010, pp. 2325–2333.

- [85] H. Haddadi, T. Henderson, and J. Crowcroft, “The ambient loo: caught short when nature calls?” in *Computer Communication Review*, vol. 40, no. 2, 2010, pp. 78–78.
- [86] D. Murray, E. Yoneki, J. Crowcroft, and S. Hand, “The case for crowd computing.” in *MobiHeld*, L. Cox and A. Wolman, Eds. ACM, 2010, pp. 39–44. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/mobiheld2010.html>
- [87] J. Miller and J. Crowcroft, “The near-term feasibility of p2p mmog’s,” *2010 9th Annual Workshop on Network and Systems Support for Games, NetGames 2010*, 2010.
- [88] A. Martn-Campillo, J. Crowcroft, E. Yoneki, R. Mart, and C. Martnez-Garca, “Using hagggle to create an electronic triage tag,” *2nd International Workshop on Mobile Opportunistic Networking, MobiOpp 2010*, pp. 167–170, 2010.
- [89] J. Crowcroft, “Internet of ideas,” *COMPUT COMMUN REV*, vol. 39, pp. 1–1, Oct 2009.
- [90] I. Leung, P. Hui, P. Lio, and J. Crowcroft, “Towards real-time community detection in large networks,” *PHYS REV E*, vol. 79, no. 066107, Jun 2009.
- [91] V. Kostakos, T. Nicolai, E. Yoneki, E. O’Neill, H. Kenn, and J. Crowcroft, “Understanding and measuring the urban pervasive infrastructure,” *PERS UBIQUIT COMPUT*, vol. 13, pp. 355–364, Jun 2009.
- [92] E. Yoneki, I. Baltopoulos, and J. Crowcroft, “(dn)-n-3: Programming distributed computation in pocket switched networks,” in *MOBIHELD 09*, 2009, pp. 43–48.
- [93] J. Miller and J. Crowcroft, “Avatar movement in world of warcraft battlegrounds,” *2009 8th Annual Workshop on Network and Systems Support for Games, NetGames 2009*, 2009.
- [94] N. Sastry, E. Yoneki, and J. Crowcroft, “Buzztraq: Predicting geographical access patterns of social cascades using social networks,” *Proceedings of the 2nd ACM EuroSys Workshop on Social Network Systems, SNS ’09*, pp. 39–45, 2009.

- [95] E. Yoneki, I. Baltopoulos, and J. Crowcroft, “D3n: programming distributed computation in pocket switched networks.” in *MobiHeld*, S. Banerjee, Ed. ACM, 2009, pp. 43–48. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/mobiheld2009.html>
- [96] N. Sastry, K. Sollins, and J. Crowcroft, “Delivery properties of human social networks.” in *INFOCOM*. IEEE, 2009, pp. 2586–2590. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/infocom/infocom2009.html>
- [97] E. Yoneki, D. Greenfield, and J. Crowcroft, “Dynamics of inter-meeting time in human contact networks,” in *2009 INTERNATIONAL CONFERENCE ON ADVANCES IN SOCIAL NETWORKS ANALYSIS AND MINING*, 2009, pp. 356–361.
- [98] —, “Dynamics of inter-meeting time in human contact networks.” in *ASONAM*, N. Memon and R. Alhajj, Eds. IEEE Computer Society, 2009, pp. 356–361. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/asunam/asunam2009.html>
- [99] P. Hui, A. Lindgren, and J. Crowcroft, “Empirical evaluation of hybrid opportunistic networks,” *1st International Conference on Communication Systems and Networks and Workshops, COMSNETS 2009*, 2009.
- [100] F. Wang, N. Helian, S. Wu, Y. Guo, D. Deng, L. Meng, W. Zhang, J. Crowcroft, J. Bacon, and M. Parker, “Erratum: Eight times acceleration of geospatial data archiving and distribution on the grids (iee transactions on geoscience and remote sensing (2009) 47:5 (1444-1453)),” *IEEE Transactions on Geoscience and Remote Sensing*, vol. 47, pp. 2988–2988, 2009.
- [101] F. Baccelli and J. Crowcroft, “Future internet technology - introduction.” in *ERCIM News*, vol. 2009, no. 77, 2009.
- [102] N. Vallina-Rodriguez, P. Hui, and J. Crowcroft, “Has anyone seen my goose? social network services in developing regions.” in *CSE (4)*. IEEE Computer Society, 2009, pp. 1048–1053. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/cse/cse2009.html>
- [103] P. Hui, E. Yoneki, J. Crowcroft, and S. Chan, “Identifying social communities in complex communications for network efficiency.” in *Complex (1)*, ser.

Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, J. Zhou, Ed., vol. 4. Springer, 2009, pp. 351–363. [Online]. Available: <http://dx.doi.org/10.1007/978-3-642-02466-5>

- [104] K. Xu, P. Hui, V. Li, J. Crowcroft, V. Latora, and P. Lio, “Impact of altruism on opportunistic communications,” in *2009 FIRST INTERNATIONAL CONFERENCE ON UBIQUITOUS AND FUTURE NETWORKS*, 2009, pp. 153–158.
- [105] K. Carlberg, S. Bhatti, and J. Crowcroft, “Ip version 10.0: A strawman design beyond ipv6,” *Proceedings of the 2009 ACM Conference on Emerging Networking Experiments and Technologies, CoNEXT’09 - Co-located 2009 Workshop on Re-Architecting the Internet, ReArch’09*, pp. 19–23, 2009.
- [106] I. van Beijnum, J. Crowcroft, F. Valera, and M. Bagnulo, “Loop-freeness in multipath bgp through propagating the longest path,” in *2009 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION WORKSHOPS, VOLS 1 AND 2*, 2009, pp. 702–707.
- [107] N. Milic-Frayling, J. Hkkil, J. Crowcroft, C. Mascolo, and E. O’Neill, “Mum 2009: Proceedings of the 8th international conference on mobile and ubiquitous multimedia - november 22-25 2009, cambridge, uk. foreword,” *MUM 2009 - Proceedings of the 8th International Conference on Mobile and Ubiquitous Multimedia*, 2009.
- [108] Y.-E. Lu, S. Roberts, T. Cheng, R. Dunbar, P. Li, and J. Crowcroft, “On optimising personal network size to manage information flow.” in *CIKM-CNIKM*, J. Wang, S. Zhou, and D. Zhang, Eds. ACM, 2009, pp. 19–26. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/cikm/cnikm2009.html>
- [109] P. Hui, R. Mortier, T. Henderson, and J. Crowcroft, “Planet-scale human mobility measurement,” in *CoRR*, vol. abs/0909.3481, 2009.
- [110] F. Ramos, A. Giorgetti, F. Cugini, P. Castoldi, J. Crowcroft, and I. White, “Power excursion aware routing in gmpls-based wsons,” in *OFC: 2009 CONFERENCE ON OPTICAL FIBER COMMUNICATION, VOLS 1-5*, 2009, pp. 2544–2546.
- [111] J. Miller and J. Crowcroft, “Probabilistic event resolution with the pairwise random protocol.” in *NOSSDAV*, W. Ooi and D. Xu, Eds.

ACM, 2009, pp. 67–72. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/nossdav/nossdav2009.html>

- [112] “Proceedings of the 2nd acm workshop on online social networks, wosn 2009, barcelona, spain, august 17, 2009,” in *WOSN*, J. Crowcroft and B. Krishnamurthy, Eds. ACM, 2009.
- [113] J. Crowcroft, “Reheating cold topics (in networking).” in *Computer Communication Review*, vol. 39, no. 2, 2009, pp. 48–49.
- [114] F. Song, H. Zhang, S. Zhang, F. Ramos, and J. Crowcroft, “Relative delay estimator for multipath transport,” *Proceedings of the 2009 ACM Conference on Emerging Networking Experiments and Technologies, CoNEXT’09 - Co-located Student Workshop, CoNext Student Workshop ’09*, pp. 49–50, 2009.
- [115] P. Hui, K. Xu, V. Li, J. Crowcroft, V. Latora, and P. Lio, “Selfishness, altruism and message spreading in mobile social networks,” in *IEEE INFOCOM 2009 - IEEE CONFERENCE ON COMPUTER COMMUNICATIONS WORKSHOPS*, 2009, pp. 284–289.
- [116] M. Pias, K. Xu, P. Hui, J. Crowcroft, G.-H. Yang, V. Li, and S. Taherian, “Sentient bikes for collecting mobility traces in opportunistic networks,” *Proceedings of the 1st ACM International Workshop on Hot Topics of Planet-Scale Mobility Measurements, HotPlanet ’09*, 2009.
- [117] P. Hui, R. Mortier, K. Xu, J. Crowcroft, and V. Li, “Sharing airtime with shair avoids wasting time and money.” in *Hot-Mobile*. ACM, 2009. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/wmcsa/hotmobile2009.html>
- [118] Y.-E. Lu, S. Roberts, P. Li, R. Dunbar, and J. Crowcroft, “Size matters: Variation in personal network size, personality and effect on information transmission.” in *CSE (4)*. IEEE Computer Society, 2009, pp. 188–193. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/cse/cse2009.html>
- [119] J. Crowcroft, “The internet of ideas.” in *SIGCOMM*, P. Rodriguez, E. Biersack, K. Papagiannaki, and L. Rizzo, Eds. ACM, 2009, pp. 1–2. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sigcomm/sigcomm2009.html>

- [120] V. Kostakos, T. Nicolai, E. Yoneki, E. O’Neill, H. Kenn, and J. Crowcroft, “Understanding and measuring the urban pervasive infrastructure.” in *Personal and Ubiquitous Computing*, vol. 13, no. 5, 2009, pp. 355–364.
- [121] J. Crowcroft, S. Keshav, and N. McKeown, “Viewpoint: Scaling the academic publication process to internet scale.” in *Commun. ACM*, vol. 52, no. 1, 2009, pp. 27–30.
- [122] J. Crowcroft, “Engineering global ubiquitous systems.” *Philos Transact A Math Phys Eng Sci*, vol. 366, pp. 3833–3834, Oct 2008. [Online]. Available: <http://www.ncbi.nlm.nih.gov/pubmed/18672452>
- [123] J. Crowcroft, E. Yoneki, P. Hui, and T. Henderson, “Promoting tolerance for delay tolerant network research,” *COMPUT COMMUN REV*, vol. 38, pp. 63–68, Oct 2008.
- [124] P. Hui and J. Crowcroft, “Human mobility models and opportunistic communications system design.” *Philos Transact A Math Phys Eng Sci*, vol. 366, pp. 2005–2016, Jun 2008. [Online]. Available: <http://www.ncbi.nlm.nih.gov/pubmed/18325879>
- [125] J. Crowcroft, R. Allsop, A. Smith, P. Varaiya, R. Gibbens, M. Bell, P. Key, S. Borst, G. Reinert, K. Briggs, R. Mondragon, S. Zhou, R. Srikant, D. Wischik, R. Atkinson, M. Smith, M. Patriksson, D. Ralph, H. Kirby, J. Brooke, F. Kelly, A. Odlyzko, and G. Raina, “Optimal resource allocation for multi-cast sessions in multi-hop wireless networks - discussion,” *PHILOS T R SOC A*, vol. 366, pp. 2075–2092, Jun 2008.
- [126] S. Katti, H. Rahul, W. Hu, D. Katabi, M. Medard, and J. Crowcroft, “Xors in the air: Practical wireless network coding,” *IEEE ACM T NETWORK*, vol. 16, pp. 497–510, Jun 2008.
- [127] “5th usenix symposium on networked systems design implementation, nsdi 2008, april 16-18, 2008, san francisco, ca, usa, proceedings,” in *NSDI*, J. Crowcroft and M. Dahlin, Eds. USENIX Association, 2008.
- [128] P. Li, *Bio-Inspired Computing and Communication*. Springer-Verlag New York Inc, 2008.

- [129] “Bio-inspired computing and communication, first workshop on bio-inspired design of networks, biowire 2007, cambridge, uk, april 2-5, 2007, revised selected papers,” in *BIOWIRE*, ser. Lecture Notes in Computer Science, P. Li, E. Yoneki, J. Crowcroft, and D. Verma, Eds., vol. 5151. Springer, 2008.
- [130] P. Hui, J. Crowcroft, and E. Yoneki, “Bubble rap: social-based forwarding in delay tolerant networks.” in *MobiHoc*, X. Jia, N. Shroff, and P.-J. Wan, Eds. ACM, 2008, pp. 241–250. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mobihoc/mobihoc2008.html>
- [131] C. Jon, “Cold topics in networking,” *Computer Communication Review*, vol. 38, no. 1, pp. 45–47–45–47, 2008, ee: <http://doi.acm.org/10.1145/1341431.1341440> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [132] J. Crowcroft, “Cold topics in networking.” in *Computer Communication Review*, vol. 38, no. 1, 2008, pp. 45–47.
- [133] E. Yoneki, P. Hui, and J. Crowcroft, “Distinct types of hubs in human dynamic networks,” *Proceedings of the 1st Workshop on Social Network Systems, SocialNets’08 - Affiliated with EuroSys 2008*, pp. 7–12, 2008.
- [134] M. Mehrara and T. Austin, “Exploiting selective placement for low-cost memory protection,” *Transactions on Architecture and Code Optimization*, vol. 5, 2008.
- [135] C.-K. Chau, J. Crowcroft, K.-W. Lee, and S. Wong, “How to enable policy-based interactions in dynamic wireless networks?” in *POLICY*. IEEE Computer Society, 2008, pp. 219–222. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/policy/policy2008.html>
- [136] —, “Inter-domain routing for mobile ad hoc networks,” *MobiArch’08 - Proceedings of the 3rd International Workshop on Mobility in the Evolving Internet Architecture*, pp. 61–66, 2008.
- [137] C. Jon, “New directions in mobile communications, or how to learn to stop hating the cellular telephone industry,” *Computer Communication Review*, vol. 38, no. 2, pp. 51–53–51–53, 2008, ee: <http://doi.acm.org/10.1145/1355734.1355742> bibtex: DBLP, <http://dblp.uni-trier.de>.



- [138] J. Crowcroft, “New directions in mobile communications, or how to learn to stop hating the cellular telephone industry.” in *Computer Communication Review*, vol. 38, no. 2, 2008, pp. 51–53.
- [139] M. Cha, P. Rodriguez, S. Moon, and J. Crowcroft, “On next-generation telco-managed p2p tv architectures.” in *IPTPS*, A. Iamnitchi and S. Saroiu, Eds. USENIX, 2008, pp. 5–5. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/iptps/iptps2008.html>
- [140] P. Hui and J. Crowcroft, “Predictability of human mobility and its impact on forwarding,” in *2008 THIRD INTERNATIONAL CONFERENCE ON COMMUNICATIONS AND NETWORKING IN CHINA, VOLS 1-3*, 2008, pp. 516–520.
- [141] J. Crowcroft, E. Yoneki, P. Hui, and T. Henderson, “Promoting tolerance for delay tolerant network research.” in *Computer Communication Review*, vol. 38, no. 5, 2008, pp. 63–68.
- [142] K. Eng, Z. Xiaoming, C. Jon, and V. Piet, “Scalable multicasting with network-aware geometric overlay,” *Computer Communications*, vol. 31, no. 3, pp. 464–488–464–488, 2008, ee: <http://dx.doi.org/10.1016/j.comcom.2007.08.046> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [143] E. Lua, X. Zhou, J. Crowcroft, and P. Mieghem, “Scalable multicasting with network-aware geometric overlay.” in *Computer Communications*, vol. 31, no. 3, 2008, pp. 464–488.
- [144] J. Crowcroft, S. Keshav, and N. McKeown, “Scaling internet research publication processes to internet scale.” in *WOWCS*, J. Mogul, Ed. USENIX Association, 2008. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/nsdi/wowcs2008.html>
- [145] R. Chen, E. Lua, J. Crowcroft, W. Guo, L. Tang, and Z. Chen, “Securing peer-to-peer content sharing service from poisoning attacks.” in *Peer-to-Peer Computing*, K. Wehrle, W. Kellerer, S. Singhal, and R. Steinmetz, Eds. IEEE Computer Society, 2008, pp. 22–29. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/p2p/p2p2008.html>

- [146] S. Allen, M. Conti, J. Crowcroft, R. Dunbar, P. Lio, J. Mendes, R. Molva, A. Passarella, I. Stavrakakis, and R. Whitaker, "Social networking for pervasive adaptation," in *SASOW 2008: SECOND IEEE INTERNATIONAL CONFERENCE ON SELF-ADAPTIVE AND SELF-ORGANIZING SYSTEMS WORKSHOPS, PROCEEDINGS*, G. Serugendo, Ed., 2008, pp. 49–54.
- [147] S. Allen, M. Conti, J. Crowcroft, R. Dunbar, P. Li, J. Mendes, R. Molva, A. Passarella, I. Stavrakakis, and R. Whitaker, "Social networking for pervasive adaptation." in *SASO Workshops*. IEEE Computer Society, 2008, pp. 49–54. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/saso/saso2008w.html>
- [148] C. Jon, "Toward a network architecture that does everything," *Commun. ACM*, vol. 51, no. 1, pp. 74–77–74–77, 2008, ee: <http://doi.acm.org/10.1145/1327452.1327486> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [149] J. Crowcroft, "Toward a network architecture that does everything." in *Commun. ACM*, vol. 51, no. 1, 2008, pp. 74–77.
- [150] T. Silverston, O. Fourmaux, and J. Crowcroft, "Towards an incentive mechanism for peer-to-peer multimedia live streaming systems." in *Peer-to-Peer Computing*, K. Wehrle, W. Kellerer, S. Singhal, and R. Steinmetz, Eds. IEEE Computer Society, 2008, pp. 125–128. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/p2p/p2p2008.html>
- [151] M. Costa, J. Crowcroft, M. Castro, A. Rowstron, L. Zhou, L. Zhang, and P. Barham, "Vigilante: End-to-end containment of internet worm epidemics." in *ACM Trans. Comput. Syst.*, vol. 26, no. 4, 2008.
- [152] M. Cha, P. Rodriguez, J. Crowcroft, S. Moon, and X. Amatriain, "Watching television over an ip network." in *Internet Measurement Conference*, K. Pagiannaki and Z.-L. Zhang, Eds. ACM, 2008, pp. 71–84. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/imc/imc2008.html>
- [153] E. Yoneki, P. Hui, and J. Crowcroft, "Wireless epidemic spread in dynamic human networks," in *BIO-INSPIRED COMPUTING AND COMMUNICATION*, P. Lio, E. Yoneki, and D. Verma, Eds., vol. 5151, 2008, pp. 116–132.

- [154] M. Musolesi, P. Hui, C. Mascolo, and J. Crowcroft, “Writing on the clean slate: Implementing a socially-aware protocol in haggie,” in *2008 IEEE INTERNATIONAL SYMPOSIUM ON A WORLD OF WIRELESS, MOBILE AND MULTIMEDIA NETWORKS, VOLS 1 AND 2*, 2008, pp. 616–621.
- [155] —, “Writing on the clean slate: Implementing a socially-aware protocol in haggie.” in *WOWMOM*. IEEE, 2008, pp. 1–6. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/wowmom/wowmom2008.html>
- [156] K. Sachin, R. Hariharan, H. Wenjun, K. Dina, M. Muriel, and C. Jon, “Xors in the air: practical wireless network coding,” *IEEE/ACM Trans. Netw.*, vol. 16, no. 3, pp. 497–510–497–510, 2008, ee: <http://doi.acm.org/10.1145/1399562.1399563> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [157] S. Katti, H. Rahul, W. Hu, D. Katabi, M. Mard, and J. Crowcroft, “Xors in the air: practical wireless network coding.” in *IEEE/ACM Trans. Netw.*, vol. 16, no. 3, 2008, pp. 497–510.
- [158] P. Vidales, C. Bernardos, I. Soto, D. Cottingham, J. Baliosian, and J. Crowcroft, “Mip6 experimental evaluation using overlay networks,” *COMPUT NETW*, vol. 51, pp. 2892–2915, Jul 2007.
- [159] A. Chaintreau, P. Hui, J. Crowcroft, C. Diot, R. Gass, and J. Scott, “Impact of human mobility on opportunistic forwarding algorithms,” in *IEEE TRANSACTIONS ON MOBILE COMPUTING*, vol. 6, Jun 2007, pp. 606–620.
- [160] Y. Eiko, H. Pan, C. ShuYan, and C. Jon, “A socio-aware overlay for publish/subscribe communication in delay tolerant networks,” in *MSWiM*, 2007, pp. 225–234–225–234, ee: <http://doi.acm.org/10.1145/1298126.1298166> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [161] E. Yoneki, P. Hui, S. Chan, and J. Crowcroft, “A socio-aware overlay for publish/subscribe communication in delay tolerant networks,” in *MSWiM’07: PROCEEDINGS OF THE TENTH ACM SYMPOSIUM ON MODELING, ANALYSIS, AND SIMULATION OF WIRELESS AND MOBILE SYSTEMS*, 2007, pp. 225–234.

- [162] —, “A socio-aware overlay for publish/subscribe communication in delay tolerant networks.” in *MSWiM*, C.-F. Chiasserini, N. Abu-Ghazaleh, and S. Nikolettseas, Eds. ACM, 2007, pp. 225–234. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mswim/mswim2007.html>
- [163] J. Crowcroft, “Bio-inspired computing and communication.” in *BIOWIRE*, ser. Lecture Notes in Computer Science, P. Li, E. Yoneki, J. Crowcroft, and D. Verma, Eds., vol. 5151. Springer, 2007, pp. 1–8. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/biowire/biowire2007.html>
- [164] P. Hui, E. Yoneki, S. Chan, and J. Crowcroft, “Distributed community detection in delay tolerant networks,” *Proceedings of ACM SIGCOMM 2007 Workshops - 2nd ACM International Workshop on Mobility in the Evolving Internet Architecture, MobiArch’07*, 2007.
- [165] E. Moreira, D. Cottingham, J. Crowcroft, P. Hui, G. Mapp, and R. Vanni, “Exploiting contextual handover information for versatile services in ngn environments.” in *ICDIM*. IEEE, 2007, pp. 506–512. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/icdim/icdim2007.html>
- [166] S. Jing, S. James, H. Pan, C. Jon, D. Eyal, D. Christophe, G. Ashvin, L. Menghow, and U. Eben, “Haggle: Seamless networking for mobile applications,” in *UbiComp*, 2007, pp. 391–408–391–408, ee: [http://dx.doi.org/10.1007/978-3-540-74853-3\\_23](http://dx.doi.org/10.1007/978-3-540-74853-3_23)*bibsource : DBLP, http://dblp.uni-trier.de*.
- [167] J. Su, J. Scott, P. Hui, J. Crowcroft, E. de Lara, C. Diot, A. Goel, M. Lim, and E. Upton, “Haggle: Seamless networking for mobile applications,” in *UbiComp 2007: Ubiquitous Computing, Proceedings*, J. Krumm, G. Abowd, A. Seneviratne, and T. Strang, Eds., vol. 4717, 2007, pp. 391–408.
- [168] J. Su, J. Scott, P. Hui, J. Crowcroft, E. Lara, C. Diot, A. Goel, M. Lim, and E. Upton, “Haggle: Seamless networking for mobile applications.” in *UbiComp*, ser. Lecture Notes in Computer Science, J. Krumm, G. Abowd, A. Seneviratne, and T. Strang, Eds., vol. 4717. Springer, 2007, pp. 391–408. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/huc/ubicomp2007.html>
- [169] H. Pan and C. Jon, “How small labels create big improvements,” in *PerCom Workshops*, 2007, pp. 65–70–65–70, ee:

<http://dx.doi.org/10.1109/PERCOMW.2007.55> bibtex: DBLP,  
<http://dblp.uni-trier.de>.

- [170] P. Hui and J. Crowcroft, “How small labels create big improvements,” in *Fifth Annual IEEE International Conference on Pervasive Computing and Communications Workshops, Proceedings*, 2007, pp. 65–70.
- [171] —, “How small labels create big improvements.” in *PerCom Workshops*. IEEE Computer Society, 2007, pp. 65–70. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/percom/percomw2007.html>
- [172] C. Augustin, H. Pan, C. Jon, D. Christophe, G. Richard, and S. James, “Impact of human mobility on opportunistic forwarding algorithms,” *IEEE Trans. Mob. Comput.*, vol. 6, no. 6, pp. 606–620–606–620, 2007, ee: <http://doi.ieeecomputersociety.org/10.1109/TMC.2007.1060> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [173] Z. Haas, J. Crowcroft, Q. Chunming, and W. Hongyi, “Message from the workshop co-organizers,” *Proceedings - Fifth Annual IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2007*, 2007.
- [174] V. Pablo, J. Carlos, S. Ignacio, C. David, B. Javier, and C. Jon, “Mip6 experimental evaluation using overlay networks,” *Computer Networks*, vol. 51, no. 10, pp. 2892–2915–2892–2915, 2007, ee: <http://dx.doi.org/10.1016/j.comnet.2006.12.004> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [175] X. Fu, K. Guo, S. Moon, R. Wakikawa, and J. Crowcroft, “Mobiarch’07 welcome,” *Proceedings of ACM SIGCOMM 2007 Workshops - 2nd ACM International Workshop on Mobility in the Evolving Internet Architecture, MobiArch’07*, pp. 3–3, 2007.
- [176] M. Conti, *Multi-Hop Ad Hoc Networks from Theory to Reality*. Nova Science Pub Inc, 2007.
- [177] S. Bjrjn, H. Wenjun, and C. Jon, “Near-optimal co-ordinated coding in wireless multihop networks,” in *CoNEXT*, 2007, pp. 9–9, ee: <http://doi.acm.org/10.1145/1364654.1364666> bibtex: DBLP, <http://dblp.uni-trier.de>.

- [178] J. Crowcroft, “Net neutrality: The technical side of the debate: A white paper,” *COMPUT COMMUN REV*, vol. 37, pp. 49–55, Jan 2007.
- [179] C. Jon, “Net neutrality: the technical side of the debate: a white paper,” *Computer Communication Review*, vol. 37, no. 1, pp. 49–56–49–56, 2007, ee: <http://doi.acm.org/10.1145/1198255.1198263> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [180] P. Hui, J. Leguay, J. Crowcroft, J. Scotts, T. Friedman, and V. Conan, “Osmosis in pocket switched networks,” *First International Conference on Communications and Networking in China, ChinaCom '06*, 2007.
- [181] W. Chieh-Yih, B. Shane, T. Andrew, and C. Jon, “Overload traffic management for sensor networks,” *TOSN*, vol. 3, no. 4, 2007, ee: <http://doi.acm.org/10.1145/1281492.1281493> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [182] D. Qunfeng, W. Jianming, H. Wenjun, and C. Jon, “Practical network coding in wireless networks,” in *MOBICOM*, 2007, pp. 306–309–306–309, ee: <http://doi.acm.org/10.1145/1287853.1287891> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [183] Q. Dong, J. Wu, W. Hu, and J. Crowcroft, “Practical network coding in wireless networks.” in *MOBICOM*, E. Kranakis, J. Hou, and R. Ramanathan, Eds. ACM, 2007, pp. 306–309. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mobicom/mobicom2007.html>
- [184] C. Jon, P. Craig, M. Geoffrey, and W. Ellen, “Report from the 2006 sigcomm nomination committee,” *Computer Communication Review*, vol. 37, no. 1, pp. 87–87, 2007, ee: <http://doi.acm.org/10.1145/1198255.1198273> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [185] C. Jon and B. Peter, “Report from the clean slate network research post-sigcomm 2006 workshop,” *Computer Communication Review*, vol. 37, no. 1, pp. 75–78–75–78, 2007, ee: <http://doi.acm.org/10.1145/1198255.1198268> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [186] J. Crowcroft and P. Key, “Report from the clean slate network research post-sigcomm 2006 workshop.” in *Computer Communication Review*, vol. 37, no. 1, 2007, pp. 75–78.

- [187] Y. Eiko, H. Pan, and C. Jon, “Visualizing community detection in opportunistic networks,” in *Challenged Networks*, 2007, pp. 93–96–93–96, ee: <http://doi.acm.org/10.1145/1287791.1287810> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [188] E. Yoneki, P. Hui, and J. Crowcroft, “Visualizing community detection in opportunistic networks,” *Proceedings of the Annual International Conference on Mobile Computing and Networking, MOBICOM*, pp. 93–96, 2007.
- [189] —, “Visualizing community detection in opportunistic networks.” in *Challenged Networks*, J. Ott and R. Krishnan, Eds. ACM, 2007, pp. 93–96. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mobicom/chants2007.html>
- [190] —, “Wireless epidemic spread in dynamic human networks.” in *BIOWIRE*, ser. Lecture Notes in Computer Science, P. Li, E. Yoneki, J. Crowcroft, and D. Verma, Eds., vol. 5151. Springer, 2007, pp. 116–132. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/biowire/biowire2007.html>
- [191] J. Crowcroft and C. Kreibich, “Only 365 days left until the sigcomm deadline,” *COMPUT COMMUN REV*, vol. 36, pp. 57–61, Oct 2006.
- [192] S. Katti, H. Rahul, W. Hu, D. Katabi, M. Medard, and J. Crowcroft, “Xors in the air: Practical wireless network coding,” in *COMPUTER COMMUNICATION REVIEW*, vol. 36, Oct 2006, pp. 243–254.
- [193] T. Pagtzis, J. Crowcroft, and K. Clark, “On the performance of proactive mobile im for context-aware all-ip wireless access networks,” *WIREL COMMUN MOB COM*, vol. 6, pp. 559–583, Aug 2006.
- [194] M. Sloman, M. Thomas, K. Sparck-Jones, J. Crowcroft, M. Kwiatkowska, P. Garner, N. Jennings, V. Sassone, E. O’Neill, M. Wooldridge, C. Maple, G. Coulouris, and D. Chalmers, “Discussion on robin milner’s first computer journal lecture: Ubiquitous computing: Shall we understand it?” *COMPUT J*, vol. 49, pp. 390–399, Jul 2006.
- [195] J. Crowcroft, “Public review for - flow labelled ip over atm: Design and rationale,” *COMPUT COMMUN REV*, vol. 36, pp. 79–80, Jul 2006.
- [196] —, “10 networking papers: Recommended reading,” *COMPUT COMMUN REV*, vol. 36, pp. 31–32, Apr 2006.

- [197] C. Jon, “10 networking papers: recommended reading,” *Computer Communication Review*, vol. 36, no. 2, pp. 31–32–31–32, 2006, ee: <http://doi.acm.org/10.1145/1129582.1129591> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [198] M. Rashid, C. Jon, and M. Jaafar, “A parallel implicit method for the steady-state solution of ctmc’s,” in *MASCOTS*, 2006, pp. 293–302–293–302, ee: <http://doi.ieeeecomputersociety.org/10.1109/MASCOTS.2006.8> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [199] R. Mehmood, J. Crowcroft, and J. Elmighani, “A parallel implicit method for the steady-state solution of ctmc’s.” in *MASCOTS*. IEEE Computer Society, 2006, pp. 293–302. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mascots/mascots2006.html>
- [200] D. Antonio, D. Paul, D. Michael, and C. Jon, “A qos-negotiable middleware system for reliably multicasting messages of arbitrary size,” in *ISORC*, 2006, pp. 253–260–253–260, ee: <http://doi.ieeeecomputersociety.org/10.1109/ISORC.2006.10> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [201] A. Ferdinando, P. Ezhilchelvan, M. Dales, and J. Crowcroft, “A qos-negotiable middleware system for reliably multicasting messages of arbitrary size.” in *ISORC*. IEEE Computer Society, 2006, pp. 253–260. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/isorc/isorc2006.html>
- [202] G. Mapp, D. Cottingham, F. Shaikh, P. Vidales, L. Patanapongpibul, J. Baliosian, and J. Crowcroft, “An architectural framework for eterogeneous networking.” in *WINSYS*, L. Vasiu and R. Caldeirinha, Eds. INSTICC Press, 2006, pp. 5–12. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/winsys/winsys2006.html>
- [203] J. Crowcroft, “Deploying mesh networks through public transport,” *IET Seminar Digest*, vol. 2006, pp. 269–272, 2006.
- [204] K. Christian and C. Jon, “Efficient sequence alignment of network traffic,” in *Internet Measurement Conference*, 2006, pp. 307–312–307–312, ee: <http://doi.acm.org/10.1145/1177080.1177121> bibsource: DBLP, <http://dblp.uni-trier.de>.



- [205] C. Kreibich and J. Crowcroft, “Efficient sequence alignment of network traffic.” in *Internet Measurement Conference*, J. Almeida, V. Almeida, and P. Barford, Eds. ACM, 2006, pp. 307–312. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/imc/imc2006.html>
- [206] F. Xiaoming and C. Jon, “Gone: an infrastructure overlay for resilient, dos-limiting networking,” in *NOSSDAV*, 2006, pp. 18–18, ee: <http://doi.acm.org/10.1145/1378191.1378214> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [207] H. Pan and C. Jon, “How small labels create big improvements,” in *CoNEXT*, 2006, pp. 34–34, ee: <http://doi.acm.org/10.1145/1368436.1368478> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [208] C. Augustin, H. Pan, C. Jon, D. Christophe, G. Richard, and S. James, “Impact of human mobility on the design of opportunistic forwarding algorithms,” in *INFOCOM*, 2006, ee: <http://dx.doi.org/10.1109/INFOCOM.2006.172> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [209] H. Wenjun, C. Miguel, C. Jon, O. Greg, and I. Antony, “Network coding with traffic engineering,” in *CoNEXT*, 2006, pp. 40–40, ee: <http://doi.acm.org/10.1145/1368436.1368485> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [210] P. Theodoros, C. Jon, and C. Keith, “On the performance of proactive mobile ipv6 for context-aware all-ip wireless access networks,” *Wireless Communications and Mobile Computing*, vol. 6, pp. 559–583–559–583, 2006, ee: <http://dx.doi.org/10.1002/wcm.411> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [211] C. Jon and K. Christian, “Only 365 days left until the sigcomm deadline,” *Computer Communication Review*, vol. 36, no. 5, pp. 57–62–57–62, 2006, ee: <http://doi.acm.org/10.1145/1163593.1163603> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [212] J. Leguay, A. Lindgren, J. Scott, T. Friedman, and J. Crowcroft, “Opportunistic content distribution in an urban setting,” *Proceedings of ACM SIGCOMM 2006 - Conference on Applications, Technologies, Architectures, and Protocols for Computer Communication*, vol. 2006, pp. 205–212, 2006.

- [213] P. Hui, A. Chaintreau, R. Cass, J. Scott, J. Crowcroft, and C. Diot, “Pocket switched networking: Challenges, feasibility and implementation issues,” in *AUTONOMIC COMMUNICATION*, I. Stavrakakis and M. Smirnov, Eds., vol. 3854, 2006, pp. 1–12.
- [214] M. Conti, J. Crowcroft, and A. Passarella, “Realman 2006 - proceedings of second international workshop on multi-hop ad hoc networks: From theory to reality: Foreword,” *REALMAN 2006 - Proceedings of Second International Workshop on Multi-hop Ad Hoc Networks: from Theory to Reality*, vol. 2006, 2006.
- [215] M. Costa, J. Crowcroft, M. Castro, A. Rowstron, L. Zhou, L. Zhang, and P. Barham, “Stopping internet epidemics,” *International Zurich Seminar on Digital Communications*, vol. 2006, pp. 86–89, 2006.
- [216] C. Jon, “The privacy and safety impact of technology choices for command, communications and control of the public highway,” *Computer Communication Review*, vol. 36, no. 1, pp. 53–58–53–58, 2006, ee: <http://doi.acm.org/10.1145/1111322.1111335> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [217] J. Crowcroft, “The privacy and safety impact of technology choices for command, communications and control of the public of highway,” *COMPUT COMMUN REV*, vol. 36, pp. 53–57, Jan 2006.
- [218] K. Sachin, R. Hariharan, H. Wenjun, K. Dina, M. Muriel, and C. Jon, “Xors in the air: practical wireless network coding,” in *SIGCOMM*, 2006, pp. 243–254–243–254, ee: <http://doi.acm.org/10.1145/1159913.1159942> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [219] R. Chakravorty, S. Katti, I. Pratt, and J. Crowcroft, “Using tcp flow-agregation to enhance data experience of cellular wireless users,” in *IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS*, vol. 23, Jun 2005, pp. 1190–1204.
- [220] J. Crowcroft, “Look beyond abstraction to define computing - reply,” *COMMUN ACM*, vol. 48, pp. 12–12, May 2005.
- [221] J. Crowcroft and T. Deegan, “Optimising data layout for delay-line memory,” *ELECTRON LETT*, vol. 41, pp. 358–359, Mar 2005.

- [222] J. Karl and C. Jon, “A multicast transport driver for globus xio,” in *WETICE*, 2005, pp. 284–289–284–289, ee: <http://doi.ieeecomputersociety.org/10.1109/WETICE.2005.7> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [223] K. Jeacle and J. Crowcroft, “A multicast transport driver for globus xio.” in *WETICE*. IEEE Computer Society, 2005, pp. 284–289. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/wetice/wetice2005.html>
- [224] V. Pablo, E. Glenford, S. Frank, C. Jon, and J. Carlos, “A practical approach for 4g systems: Deployment of overlay networks,” in *TRIDENTCOM*, 2005, pp. 172–181–172–181, ee: <http://doi.ieeecomputersociety.org/10.1109/TRIDNT.2005.4> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [225] P. Vidales, G. Mapp, F. Stajano, J. Crowcroft, and C. Bernardos, “A practical approach for 4g systems: Deployment of overlay networks.” in *TRIDENTCOM*. IEEE Computer Society, 2005, pp. 172–181. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/tridentcom/tridentcom2005.html>
- [226] E. Lua, J. Crowcroft, M. Pias, R. Sharma, and S. Lim, “A survey and comparison of peer-to-peer overlay network schemes.” in *IEEE Communications Surveys and Tutorials*, vol. 7, no. 1-4, 2005, pp. 72–93.
- [227] M. Rashid, C. Jon, H. Steven, and S. Steven, “Grid-level computing needs pervasive debugging,” in *GRID*, 2005, pp. 186–193–186–193, ee: <http://dx.doi.org/10.1109/GRID.2005.1542741> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [228] R. Mehmood, J. Crowcroft, S. Hand, and S. Smith, “Grid-level computing needs pervasive debugging.” in *GRID*. IEEE, 2005, pp. 186–193. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/grid/grid2005.html>
- [229] J. Karl, C. Jon, P. Marinho, and P. Stefano, “Hybrid reliable multicast with tcp-xm,” in *CoNEXT*, 2005, pp. 177–187–177–187, ee: <http://doi.acm.org/10.1145/1095921.1095945> bibsource: DBLP, <http://dblp.uni-trier.de>.

- [230] K. Jeacle, J. Crowcroft, M. Barcellos, and S. Pettini, “Hybrid reliable multicast with tcp-xm.” in *CoNEXT*, M. Diaz, A. Azcorra, P. Owezarski, and S. Fdida, Eds. ACM, 2005, pp. 177–187. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/conext/conext2005.html>
- [231] C. Diot, J. Rexford, V. Paxson, C. Barakat, E. Biersack, M. Crovella, J. Crowcroft, C. Dovrolis, S. Fdida, S. Gribble, R. Guerin, D. Katabi, S. Keshav, V. Padmanabhan, and M. Roughan, “Incoming editor’s message,” *Computer Communication Review*, vol. 35, pp. 2–2, 2005.
- [232] L. Menghow, C. Adam, C. Jon, and C. Julian, “Landmark guided forwarding,” in *ICNP*, 2005, pp. 169–178–169–178, ee: <http://doi.ieeecomputersociety.org/10.1109/ICNP.2005.21> bibtexsource: DBLP, <http://dblp.uni-trier.de>.
- [233] M. Lim, A. Chesterfield, J. Crowcroft, and J. Chesterfield, “Landmark guided forwarding.” in *ICNP*. IEEE Computer Society, 2005, pp. 169–178. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/icnp/icnp2005.html>
- [234] D. Spence, J. Crowcroft, S. Hand, and T. Harris, “Location based placement of whole distributed systems.” in *CoNEXT*, M. Diaz, A. Azcorra, P. Owezarski, and S. Fdida, Eds. ACM, 2005, pp. 124–134. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/conext/conext2005.html>
- [235] P. Denning and J. Crowcroft, “Look beyond abstraction to define computing [2] (multiple letters),” *Communications of the ACM*, vol. 48, pp. 11–12, 2005.
- [236] W. Lehr and J. Crowcroft, “Managing shared access to a spectrum commons,” in *2005 1st IEEE International Symposium on New Frontiers in Dynamic Spectrum Access Networks, Conference Record*, 2005, pp. 420–444.
- [237] S. Imre and J. Crowcroft, “Message from the general chairs,” *Proceedings - First International Conference on Wireless Internet, WICON 2005*, vol. 2005, 2005.
- [238] K. Eng, G. Timothy, P. Marcelo, Z. Han, and C. Jon, “On the accuracy of embeddings for internet coordinate systems,” in *Internet Measurement Conference*, 2005, pp. 125–138–125–138, ee:

<http://www.usenix.org/events/imc05/tech/lua.html> bibtex: DBLP,  
<http://dblp.uni-trier.de>.

- [239] E. Lua, T. Griffin, M. Pias, H. Zheng, and J. Crowcroft, "On the accuracy of embeddings for internet coordinate systems." in *Internet Measurement Conference*. USENIX Association, 2005, pp. 125–138. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/imc/imc2005.html>
- [240] C. Jon, "On the nature of computing," *Commun. ACM*, vol. 48, no. 2, pp. 19–20–19–20, 2005, ee: <http://doi.acm.org/10.1145/1042091.1042109> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [241] J. Crowcroft, "On the nature of computing." in *Commun. ACM*, vol. 48, no. 2, 2005, pp. 19–20.
- [242] H. Pan, C. Augustin, G. Richard, S. James, C. Jon, and D. Christophe, "Pocket switched networking: Challenges, feasibility and implementation issues," in *WAC*, 2005, pp. 1–12–1–12, ee: [http://dx.doi.org/10.1007/11687818\\_1](http://dx.doi.org/10.1007/11687818_1) bibtex : DBLP, <http://dblp.uni-trier.de>.
- [243] P. Hui, A. Chaintreau, J. Scott, R. Gass, J. Crowcroft, and C. Diot, "Pocket switched networks and human mobility in conference environments," *Proceedings of ACM SIGCOMM 2005 Workshops: Conference on Computer Communications*, pp. 244–251, 2005.
- [244] T. Pagtzis, R. Chakravorty, J. Crowcroft, S. Hailes, and P. Kirstein, "Proactive mobile ipv6 for context-aware all-ip wireless access networks," in *2005 International Conference on Wireless Networks, Communications and Mobile Computing, Vols 1 and 2*, 2005, pp. 1017–1022.
- [245] C. Yeun, E. Lua, and J. Crowcroft, "Security for emerging ubiquitous networks," in *VTC2005-FALL: 2005 IEEE 62ND VEHICULAR TECHNOLOGY CONFERENCE, 1-4, PROCEEDINGS*, 2005, pp. 1242–1248.
- [246] W. Chieh-Yih, B. Shane, T. Andrew, and C. Jon, "Siphon: overload traffic management using multi-radio virtual sinks in sensor networks," in *SenSys*, 2005, pp. 116–129–116–129, ee: <http://doi.acm.org/10.1145/1098918.1098931> bibtex: DBLP, <http://dblp.uni-trier.de>.

- [247] C.-Y. Wan, S. Eisenman, A. Campbell, and J. Crowcroft, “Siphon: overload traffic management using multi-radio virtual sinks in sensor networks.” in *SenSys*, J. Redi, H. Balakrishnan, and F. Zhao, Eds. ACM, 2005, pp. 116–129. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sensys/sensys2005.html>
- [248] K. Jeacle and J. Crowcroft, “Tcp-xm: Unicast-enabled reliable multicast,” in *ICCCN 2005: 14th International Conference on Computer Communications and Networks, Proceedings*, S. Thuel, Y. Yang, and E. Park, Eds., 2005, pp. 145–150.
- [249] D. Tim, C. Jon, and W. Andrew, “The main name system: an exercise in centralized computing,” *Computer Communication Review*, vol. 35, no. 5, pp. 5–14–5–14, 2005, ee: <http://doi.acm.org/10.1145/1096536.1096538> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [250] T. Deegan, J. Crowcroft, and A. Warfield, “The main name system: an exercise in centralized computing.” in *Computer Communication Review*, vol. 35, no. 5, 2005, pp. 5–14.
- [251] H. Elgan, H. Wenjun, C. Jon, and J. Ian, “Towards commercial mobile ad hoc network applications: a radio dispatch system,” in *MobiHoc*, 2005, pp. 355–365–355–365, ee: <http://doi.acm.org/10.1145/1062689.1062734> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [252] E. Huang, W. Hu, J. Crowcroft, and I. Wassell, “Towards commercial mobile ad hoc network applications: a radio dispatch system.” in *MobiHoc*, P. Kumar, A. Campbell, and R. Wattenhofer, Eds. ACM, 2005, pp. 355–365. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/mobihoc/mobihoc2005.html>
- [253] C. Rajiv, K. Sachin, P. Ian, and C. Jon, “Using tcp flow-aggregation to enhance data experience of cellular wireless users,” *IEEE Journal on Selected Areas in Communications*, vol. 23, no. 6, pp. 1190–1204–1190–1204, 2005, ee: <http://doi.ieeecomputersociety.org/10.1109/JSAC.2005.845628> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [254] C. Manuel, C. Jon, C. Miguel, I. Antony, Z. Lidong, Z. Lintao, and B. Paul, “Vigilante: end-to-end containment of internet worms,” in *SOSP*, 2005,

pp. 133–147–133–147, ee: <http://doi.acm.org/10.1145/1095810.1095824> bibsource: DBLP, <http://dblp.uni-trier.de>.

- [255] M. Costa, J. Crowcroft, M. Castro, A. Rowstron, L. Zhou, L. Zhang, and P. Barham, “Vigilante: end-to-end containment of internet worms.” in *SOSP*, A. Herbert and K. Birman, Eds. ACM, 2005, pp. 133–147. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sosp/sosp2005.html>
- [256] S. Ostring, K. Avrachenkov, J. Crowcroft, and A. Ephremides, “Monet special issue on optimization of wireless and mobile networks,” *MOBILE NETWORK APPL*, vol. 9, pp. 555–556, Dec 2004.
- [257] P. Gevros and J. Crowcroft, “Distributed resource management with heterogeneous linear controls,” *COMPUT NETWORK*, vol. 45, pp. 835–858, Aug 2004.
- [258] J. Crowcroft, R. Gibbens, F. Kelly, and S. Ostring, “Modelling incentives for collaboration in mobile ad hoc networks,” in *PERFORMANCE EVALUATION*, vol. 57, Aug 2004, pp. 427–439.
- [259] W. Chieh-Yih, T. Andrew, and C. Jon, “A case for all-wireless, dual-radio virtual sinks,” in *SenSys*, 2004, pp. 267–268–267–268, ee: <http://doi.acm.org/10.1145/1031495.1031529> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [260] C.-Y. Wan, A. Campbell, and J. Crowcroft, “A case for all-wireless, dual-radio virtual sinks.” in *SenSys*, J. Stankovic, A. Arora, and R. Govindan, Eds. ACM, 2004, pp. 267–268. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/sensys/sensys2004.html>
- [261] E. Lua, A. Lin, J. Crowcroft, and V. Tan, “Barterroam: A novel mobile and wireless roaming settlement model,” in *QUALITY OF SERVICE IN THE EMERGING NETWORKING PANORAMA, PROCEEDINGS*, J. SolePareta, M. Smirnov, P. VanMieghem, J. DomingoPascual, E. Monteiro, P. Reichl, B. Stiller, and R. Gibbens, Eds., vol. 3266, 2004, pp. 348–357.
- [262] K. Eng, L. Alex, C. Jon, and T. Valerie, “Barterroam: A novel mobile and wireless roaming settlement model,” in *QofIS*, 2004, pp. 348–357–348–357, ee: <http://springerlink.metapress.com/openurl.asp?genre=article>

issn=0302-9743

volume=3266

spage=348 bibsource: DBLP, <http://dblp.uni-trier.de>.

- [263] G. Panos and C. Jon, "Distributed resource management with heterogeneous linear controls," *Computer Networks*, vol. 45, no. 6, pp. 835–858–835–858, 2004, ee: <http://dx.doi.org/10.1016/j.comnet.2004.05.001> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [264] J. Crowcroft, "From universe to global internet," in *COMPUTER SYSTEMS: THEORY, TECHNOLOGY AND APPLICATIONS*, A. Herbert and K. Jones, Eds., 2004, pp. 73–76.
- [265] . Sven, A. Konstantin, C. Jon, and E. Anthony, "Guest editors introduction," *MONET*, vol. 9, no. 6, pp. 555–556–555–556, 2004, ee: <http://dx.doi.org/10.1023/B:MON.0000042494.60299.68> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [266] S. string, K. Avrachenkov, J. Crowcroft, and A. Ephremides, "Guest editor's introduction." in *MONET*, vol. 9, no. 6, 2004, pp. 555–556.
- [267] K. Eng, C. Jon, and P. Marcelo, "Highways: Proximity clustering for scalable peer-to-peer network," in *Peer-to-Peer Computing*, 2004, pp. 266–267–266–267, ee: <http://csdl.computer.org/comp/proceedings/p2p/2004/2156/00/21560266abs.htm> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [268] E. Lua, J. Crowcroft, and M. Pias, "Highways: Proximity clustering for scalable peer-to-peer network." in *Peer-to-Peer Computing*, G. Caronni, N. Weiler, and N. Shahmehri, Eds. IEEE Computer Society, 2004, pp. 266–267. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/p2p/p2p2004.html>
- [269] C. Kreibich and J. Crowcroft, "Honeycomb - creating intrusion detection signatures using honeypots," *COMPUT COMMUN REV*, vol. 34, pp. 51–56, Jan 2004.
- [270] K. Christian and C. Jon, "Honeycomb: creating intrusion detection signatures using honeypots," *Computer Communication Review*, vol. 34, no. 1, pp. 51–56–51–56, 2004, ee: <http://doi.acm.org/10.1145/972374.972384> bibsource: DBLP, <http://dblp.uni-trier.de>.



- [271] D. Boris and C. Jon, “Information exposure control through data manipulation for ubiquitous computing,” in *NSPW*, 2004, pp. 57–64–57–64, ee: <http://doi.acm.org/10.1145/1065907.1066036> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [272] B. Dragovic and J. Crowcroft, “Information exposure control through data manipulation for ubiquitous computing.” in *NSPW*, C. Hempelmann and V. Raskin, Eds. ACM, 2004, pp. 57–64. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/nspw/nspw2004.html>
- [273] C. Jon, J. Richard, P. Frank, and . Sven, “Modelling incentives for collaboration in mobile ad hoc networks,” *Perform. Eval.*, vol. 57, no. 4, pp. 427–439–427–439, 2004, ee: <http://dx.doi.org/10.1016/j.peva.2004.03.003> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [274] C. Molina-Jimenez, S. Shrivastava, J. Crowcroft, and P. Gevros, “On the monitoring of contractual service level agreements,” in *FIRST IEEE INTERNATIONAL WORKSHOP ON ELECTRONIC CONTRACTING, PROCEEDINGS*, B. Benatallah, C. Godart, and M. Shan, Eds., 2004, pp. 1–8.
- [275] C. Rajiv, V. Pablo, S. Kavitha, P. Ian, and C. Jon, “Performance issues with vertical handovers - experiences from gprs cellular and wlan hot-spots integration,” in *PerCom*, 2004, pp. 155–164–155–164, ee: <http://csdl.computer.org/comp/proceedings/percom/2004/2090/00/20900155abs.htm> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [276] R. Chakravorty, P. Vidales, K. Subramanian, I. Pratt, and J. Crowcroft, “Performance issues with vertical handovers - experiences from gprs cellular and wlan hot-spots integration.” in *PerCom*. IEEE Computer Society, 2004, pp. 155–164. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/percom/percom2004.html>
- [277] C. Jon, C. Julian, J. Richard, P. Frank, and . Sven, “Providing incentives in providerless networks,” *Ad Hoc Networks*, vol. 2, no. 3, pp. 283–289–283–289, 2004, ee: <http://dx.doi.org/10.1016/j.adhoc.2004.03.007> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [278] J. Crowcroft, J. Chesterfield, R. Gibbens, F. Kelly, and S. string, “Providing incentives in providerless networks.” in *Ad Hoc Networks*, vol. 2, no. 3, 2004, pp. 283–289.

- [279] E. Huang, J. Crowcroft, and I. Wassell, “Rethinking incentives for mobile ad hoc networks,” *Proceedings of the ACM SIGCOMM 2004 Workshops*, pp. 191–196, 2004.
- [280] J. Crowcroft, “Us sanctions,” *IEEE SPECTRUM*, vol. 41, pp. 12–12, Jan 2004.
- [281] R. Chakravorty, I. Pratt, J. Crowcroft, and M. D’Arienzo, “A framework for dynamic sla-based qos control for umts,” *IEEE WIREL COMMUN*, vol. 10, pp. 30–37, Oct 2003.
- [282] J. Crowcroft, “Helping beat spam,” *IEE REVIEW*, vol. 49, pp. 4–4, Oct 2003.
- [283] R. Chakravorty, I. Pratt, J. Crowcroft, and M. D’Arienzo, “Dynamic sla-based qos control for third generation wireless networks: The cadenus extension,” in *2003 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, VOLS 1-5*, 2003, pp. 938–943.
- [284] C. Jon and N. Saleem, “Editorial,” *J. Grid Comput.*, vol. 1, no. 4, pp. 327–327–327–327, 2003, ee: <http://www.springerlink.com/index/10.1023/B:GRID.0000037593.24004.b8> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [285] J. Crowcroft and S. Bhatti, “Editorial.” in *J. Grid Comput.*, vol. 1, no. 4, 2003, pp. 327–327.
- [286] C. Rajiv, K. Sachin, P. Ian, and C. Jon, “Flow aggregation for enhanced tcp over wide area wireless,” in *INFOCOM*, 2003, ee: <http://www.ieee-infocom.org/2003/papers/4302.PDF> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [287] J. Crowcroft, “Helping beat spam [1],” *IEE Review*, vol. 49, pp. 4–4, 2003.
- [288] M. Manuel, S. Mel, and C. Jon, “How to build virtual environment systems with component frameworks,” in *CW*, 2003, pp. 181–188–181–188, ee: <http://csdl.computer.org/comp/proceedings/cw/2003/1922/00/19220181abs.htm> bibtex: DBLP, <http://dblp.uni-trier.de>.
- [289] M. Oliveira, M. Slater, and J. Crowcroft, “How to build virtual environment systems with component frameworks.” in *CW*. IEEE Computer Society,

2003, pp. 181–188. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/cw/cw2003.html>

- [290] P. Marcelo, C. Jon, R. Steve, H. Tim, and N. Saleem, “Lighthouses for scalable distributed location,” in *IPTPS*, 2003, pp. 278–291–278–291, ee: <http://springerlink.metapress.com/openurl.asp?genre=article&issn=0302-9743&volume=2735&spage=278> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [291] M. Pias, J. Crowcroft, S. Wilbur, T. Harris, and S. Bhatti, “Lighthouses for scalable distributed location,” in *PEER-TO-PEER SYSTEMS II*, F. Kaashoek and I. Stoica, Eds., vol. 2735, 2003, pp. 278–291.
- [292] S. Bhatti, S. Sorensen, P. Clark, and J. Crowcroft, “Network qos for grid systems,” *INT J HIGH PERFORM C*, vol. 17, pp. 219–236, 2003.
- [293] M. Manuel and C. Jon, “Perceptual network metaphors: Breaking the network transparency paradigm,” in *MIPS*, 2003, pp. 207–221–207–221, ee: <http://springerlink.metapress.com/openurl.asp?genre=article&issn=0302-9743&volume=2899&spage=207> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [294] M. Oliveira and J. Crowcroft, “Perceptual network metaphors: Breaking the network transparency paradigm,” in *INTERACTIVE MULTIMEDIA ON NEXT GENERATION NETWORKS*, G. Ventre and R. Canonico, Eds., vol. 2899, 2003, pp. 207–221.
- [295] C. Jon, H. Steven, M. Richard, R. Timothy, and W. Andrew, “Plutarch: an argument for network pluralism,” *Computer Communication Review*, vol. 33, no. 4, pp. 258–266–258–266, 2003, ee: <http://doi.acm.org/10.1145/944759.944763> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [296] J. Crowcroft, S. Hand, R. Mortier, T. Roscoe, and A. Warfield, “Plutarch: An argument for network pluralism,” *Proceedings of the ACM SIGCOMM Workshop on Future Directions in Network Architecture, FDNA '03*, pp. 258–266, 2003.

- [297] ———, “Plutarch: an argument for network pluralism.” in *Computer Communication Review*, vol. 33, no. 4, 2003, pp. 258–266.
- [298] C. Rajiv, V. Pablo, S. Kavitha, P. Ian, and C. Jon, “Practical experience with wireless networks integration using mobile ipv6,” *Mobile Computing and Communications Review*, vol. 7, no. 4, pp. 47–49–47–49, 2003, ee: <http://doi.acm.org/10.1145/965732.965741> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [299] R. Chakravorty, P. Vidales, K. Subramanian, I. Pratt, and J. Crowcroft, “Practical experience with wireless networks integration using mobile ipv6.” in *Mobile Computing and Communications Review*, vol. 7, no. 4, 2003, pp. 47–49.
- [300] “Proceedings of the acm sigcomm 2003 conference on applications, technologies, architectures, and protocols for computer communication, august 25–29, 2003, karlsruhe, germany,” in *SIGCOMM*, A. Feldmann, M. Zitterbart, J. Crowcroft, and D. Wetherall, Eds. ACM, 2003.
- [301] J. Crowcroft and D. Wetherall, “Program committee chairs’ message,” *Computer Communication Review*, vol. 33, 2003.
- [302] S. Michael and C. Jon, “Qos roadmap for future internet services,” in *QofIS Final Report*, 2003, pp. 1–9–1–9, ee: <http://springerlink.metapress.com/openurl.asp?genre=article&issn=0302-9743&volume=2856&spage=1> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [303] M. Smirnov and J. Crowcroft, “Qos roadmap for future internet services,” *LECT NOTES COMPUT SC*, vol. 2856, pp. 1–9, 2003.
- [304] J. Crowcroft, S. Hand, R. Mortier, T. Roscoe, and A. Warfield, “Qos’s downfall: At the bottom, or not at all!” *Proceedings of the ACM SIGCOMM Workshops*, pp. 109–114, 2003.
- [305] J. Gemmell, T. Montgomery, T. Speakman, N. Bhaskar, and J. Crowcroft, “The pgm reliable multicost protocol,” *IEEE NETWORK*, vol. 17, pp. 16–22, Jan 2003.

- [306] J. Crowcroft, J. Bacon, P. Pietzuch, G. Coulouris, and H. Naguib, “Channel islands in a reflective ocean: Large-scale event distribution in heterogeneous networks,” *IEEE COMMUN MAG*, vol. 40, pp. 112–115, Sep 2002.
- [307] M. Conti, J. Crowcroft, S. Giordano, and J. Roberts, “Evolution of internet architecture and protocols,” *IEEE COMMUN MAG*, vol. 40, pp. 88–88, Sep 2002.
- [308] N. Crowcroft, J. Crowcroft, and K. Crowcroft, “Andrew crowcroft - obituary,” *BRIT MED J*, vol. 325, pp. 168–168, Jul 2002.
- [309] C. Jon and M. Derek, “Atm: a retrospective on systems legacy or ” *Computer Communication Review*, no. 5, pp. 11–12–11–12, ee: <http://doi.acm.org/10.1145/774749.774751> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [310] J. Crowcroft and D. McAuley, “Atm: a retrospective on systems legacy or ” in *Computer Communication Review*, no. 5, pp. 11–12.
- [311] C. Jon, “Channel islands in a reflective ocean: Large scale event distribution in heterogeneous networks,” in *NETWORKING*, 2002, pp. 1–9–1–9, ee: <http://link.springer.de/link/service/series/0558/bibs/2345/23450001.htm> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [312] J. Crowcroft, “Channel islands in a reflective ocean: Large scale event distribution in heterogeneous networks.” in *NETWORKING*, ser. Lecture Notes in Computer Science, E. Gregori, M. Conti, A. Campbell, C. Omidyar, and M. Zukerman, Eds., vol. 2345. Springer, 2002, pp. 1–9. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/networking/networking2002.html>
- [313] A. Feldmann and J. Crowcroft, “From monitoring to provisioning: Towards closing the loop on internet traffic engineering.” in *European Transactions on Telecommunications*, vol. 13, no. 1, 2002, pp. 3–4.
- [314] J. Crowcroft and I. Pratt, “Peer to peer: Peering into the future,” in *ADVANCED LECTURES ON NETWORKING*, E. Gregori, G. Anastasi, and S. Basagni, Eds., vol. 2497, 2002, pp. 1–19.
- [315] C. Jon and P. Ian, “Peer to peer: Peering into the future,” in *NETWORKING Tutorials*, 2002, pp. 1–19–1–19, ee:

<http://link.springer.de/link/service/series/0558/bibs/2497/24970001.htm>  
bibsource: DBLP, <http://dblp.uni-trier.de>.

- [316] J. Shen, J. Shi, and J. Crowcroft, "Proactive multi-path routing," in *FROM QOS PROVISIONING TO QOS CHARGING, PROCEEDINGS*, B. Stiller, M. Smirnow, M. Karsten, and P. Reichl, Eds., vol. 2511, 2002, pp. 145–156.
- [317] S. Jing, S. Jiaoying, and C. Jon, "Proactive multi-path routing," in *QofIS*, 2002, pp. 145–156–145–156, ee: <http://springerlink.metapress.com/openurl.asp?genre=article&issn=0302-9743&volume=2511&spage=145> bibsource: DBLP, <http://dblp.uni-trier.de>.
- [318] M. Pias, S. Wilbur, S. Bhatti, and J. Crowcroft, "Securing the internet metering and billing," in *GLOBECOM'02: IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, VOLS 1-3, CONFERENCE RECORDS*, 2002, pp. 1603–1607.
- [319] J. Crowcroft and I. Phillips, *TCP/IP and Linux protocol implementation*. John Wiley Sons Inc, 2002.
- [320] M. Oliveira, M. Slater, and J. Crowcroft, "Treaclewell: Unraveling the magic " in *6TH WORLD MULTICONFERENCE ON SYSTEMICS, CYBERNETICS AND INFORMATICS, VOL IV, PROCEEDINGS*, N. Callaos, B. Zheng, and F. Kaderali, Eds., pp. 295–301.
- [321] P. Gevros, J. Crowcroft, P. Kirstein, and S. Bhatti, "Congestion control mechanisms and the best effort service model," *IEEE NETWORK*, vol. 15, pp. 16–26, May 2001.
- [322] J. Crowcroft, M. Fry, D. Hutchison, I. Marshall, M. Sloman, and I. Wakeman, "Active networks and services." in *Computer Networks*, vol. 36, no. 1, 2001, pp. 1–3.
- [323] M. Oliveira, J. Crowcroft, and M. Slater, "Components for distributed virtual environments." in *Presence*, vol. 10, no. 1, 2001, pp. 51–61.
- [324] T. Henderson, J. Crowcroft, and S. Bhatti, "Congestion pricing," *IEEE Internet Computing*, vol. 5, pp. 85–89, 2001.

- [325] ———, “Congestion pricing: Paying your way in communication networks.” in *IEEE Internet Computing*, vol. 5, no. 5, 2001, pp. 85–89.
- [326] K. Carlberg, P. Gevros, and J. Crowcroft, “Lower than best effort: A design and implementation — por debajo del mejor esfuerzo: Un diseo y su implementacin,” *Computer Communication Review*, vol. 31, pp. 244–265, 2001.
- [327] ———, “Lower than best effort: a design and implementation.” in *Computer Communication Review*, vol. 31, no. 2-Supplement, 2001, pp. 244–265.
- [328] J. Crowcroft and M. Hofmann, *Networked group communication*. Springer Verlag, 2001.
- [329] “Networked group communication, third international cost264 workshop, ngc 2001, london, uk, november 7-9, 2001, proceedings,” in *Networked Group Communication*, ser. Lecture Notes in Computer Science, J. Crowcroft and M. Hofmann, Eds., vol. 2233. Springer, 2001.
- [330] J. Crowcroft, “Never lost, never forgotten.” in *Commun. ACM*, vol. 44, no. 3, 2001, pp. 81–81.
- [331] K. Papagiannaki, P. Thiran, J. Crowcroft, and C. Diot, “Preferential treatment of acknowledgment packets in a differentiated services network.” in *IWQoS*, ser. Lecture Notes in Computer Science, L. Wolf, D. Hutchison, and R. Steinmetz, Eds., vol. 2092. Springer, 2001, pp. 187–201. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/iwqos/iwqos2001.html>
- [332] “Quality of future internet services, second cost 263 international workshop, qofis 2001, coimbra, portugal, september 24-26, 2001, proceedings,” in *QofIS*, ser. Lecture Notes in Computer Science, M. Smirnov, J. Crowcroft, J. Roberts, and F. Boavida, Eds., vol. 2156. Springer, 2001.
- [333] J. Crowcroft, “Herding cats: modelling quality of service for internet applications,” in *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES*, vol. 358, Aug 2000, pp. 2209–2215.
- [334] D. Milojevic, C. Partridge, and J. Crowcroft, “Networking,” *IEEE CONCURR*, vol. 8, pp. 86–96, Jul 2000.

- [335] A. Ghosh, M. Fry, and J. Crowcroft, “An architecture for application layer routing.” in *IWAN*, ser. Lecture Notes in Computer Science, H. Yasuda, Ed., vol. 1942. Springer, 2000, pp. 71–86. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/iwan/iwan2000.html>
- [336] M. Oliveira, J. Crowcroft, and M. Slater, “Component framework infrastructure for virtual environments,” *Proceedings of the Third International Conference on Collaborative Virtual Environments*, pp. 139–146, 2000.
- [337] B. Levine, J. Crowcroft, C. Diot, J. Garcia-Luna-Aceves, and J. Kurose, “Consideration of receiver interest for ip multicast delivery.” in *INFOCOM*, 2000, pp. 470–479.
- [338] S. Komandur, J. Crowcroft, and D. Moss, “Cram: Cell re-labeling at merge-points for atm multicast,” *Telecommunication Systems*, vol. 15, pp. 267–274, 2000.
- [339] C. Perkins and J. Crowcroft, “Effects of interleaving on rtp header compression.” in *INFOCOM*, 2000, pp. 111–117.
- [340] J. Crowcroft, “Multicast reliability (panel session).” in *Networked Group Communication*. ACM, 2000, pp. 3–3. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/ngc/ngc2000.html>
- [341] C. Perkins and J. Crowcroft, “Notes on the use of rtp for shared workspace applications.” in *Computer Communication Review*, vol. 30, no. 2, 2000, pp. 35–40.
- [342] P. White and J. Crowcroft, “Optimised batch patching with classes of service.” in *Computer Communication Review*, vol. 30, no. 5, 2000, pp. 21–28.
- [343] S. Bhatti and J. Crowcroft, “Qos-sensitive flows: Issues in ip packet handling.” in *IEEE Internet Computing*, vol. 4, no. 4, 2000, pp. 48–57.
- [344] J. Crowcroft, J. Roberts, M. Smirnov, and E. 263, *Quality of future Internet services*. Springer Verlag, 2000.
- [345] “Quality of future internet services, first cost 263 international workshop, qofis 2000, berlin, germany, september 25-26, 2000, proceedings,” in *QofIS*, ser. Lecture Notes in Computer Science, J. Crowcroft, J. Roberts, and M. Smirnov, Eds., vol. 1922. Springer, 2000.



- [346] M. Oliveira, J. Crowcroft, and C. Diot, "Router level filtering for receiver interest delivery." in *Networked Group Communication*. ACM, 2000, pp. 141–150. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/ngc/ngc2000.html>
- [347] J. Crowcroft, M. Handley, and I. Wakeman, *Internetworking multimedia*. CRC Press, Aug 1999.
- [348] I. Marshall, J. Crowcroft, M. Fry, A. Ghosh, D. Hutchison, D. Parish, I. Phillips, N. Pryce, M. Sloman, and D. Waddington, "Application-level programmable internetwork environment," *BT TECHNOL J*, vol. 17, pp. 82–94, Apr 1999.
- [349] N. Kausar, B. Briscoe, and J. Crowcroft, "A charging model for sessions on the internet." in *ECMAST*, ser. Lecture Notes in Computer Science, H. Leopold and N. Garca, Eds., vol. 1629. Springer, 1999, pp. 246–261. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/ecmast/ecmast1999.html>
- [350] N. Kausar and J. Crowcroft, "An architecture of conference control functions," in *MULTIMEDIA SYSTEMS AND APPLICATIONS II*, A. Tescher, B. Vasudev, V. Bove, and B. Derryberry, Eds., vol. 3845, 1999, pp. 123–133.
- [351] —, "Architecture of conference control functions," *Proceedings of SPIE - The International Society for Optical Engineering*, vol. 3845, pp. 123–133, 1999.
- [352] M. Oliveira, J. Crowcroft, D. Brutzman, and M. Slater, "Components for distributed virtual environments." in *VRST*, 1999, pp. 176–177.
- [353] S. Komandur, J. Crowcroft, and D. Moss, "Cram: Cell re-labeling at merge-points for atm multicast." in *Telecommunication Systems*, vol. 11, no. 3-4, 1999, pp. 267–274.
- [354] J. Crowcroft and C. Diot, "High performance protocol architectures." in *Computer Networks*, vol. 31, no. 7, 1999, pp. 653–654.
- [355] J. Crowcroft, "Ip over photons: How not to waste the waist of the hour-glass," in *IWQOS '99: 1999 SEVENTH INTERNATIONAL WORKSHOP ON QUALITY OF SERVICE*, 1999, pp. 9–11.

- [356] M. Handley, J. Crowcroft, C. Bormann, and J. Ott, “Very large conferences on the internet: The internet multimedia conferencing architecture.” in *Computer Networks*, vol. 31, no. 3, 1999, pp. 191–204.
- [357] I. Brown, C. Perkins, and J. Crowcroft, “Watercasting: Distributed watermarking of multicast media.” in *Networked Group Communication*, ser. Lecture Notes in Computer Science, L. Rizzo and S. Fdida, Eds., vol. 1736. Springer, 1999, pp. 286–300. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/ngc/ngc1999.html>
- [358] J. Crowcroft, M. Luby, and V. Paxson, “Traffic jams on the internet,” *SCIENCE*, vol. 280, pp. 182–184, Apr 1998.
- [359] J. Crowcroft, C. Diot, P. Gunningberg, M. Fry, A. Seneviratne, and S. McDonald, “Guest editorial - protocol architectures for 21st century applications,” *IEEE J SEL AREA COMM*, vol. 16, pp. 314–316, Apr 1998.
- [360] P. White and J. Crowcroft, “A case for dynamic sender-based reservations in the internet.” in *J. High Speed Networks*, vol. 7, no. 2, 1998, pp. 159–185.
- [361] S. Komandur, J. Crowcroft, and D. Mosse, “Cram: Cell re-labeling at merge-points for atm multicast,” in *ICAATM’98: 1998 1ST IEEE INTERNATIONAL CONFERENCE ON ATM*, 1998, pp. 162–167.
- [362] J. Crowcroft and P. Oechslin, “Differentiated end-to-end internet services using a weighted proportional fair sharing tcp,” in *CoRR*, vol. cs.NI/9808004, 1998.
- [363] —, “Differentiated end-to-end internet services using a weighted proportional fair sharing tcp.” in *Computer Communication Review*, vol. 28, no. 3, 1998, pp. 53–69.
- [364] N. Kausar and J. Crowcroft, “End to end reliable multicast transport protocol requirements for collaborative multimedia systems.” in *SRDS*, 1998, pp. 425–430.
- [365] N. Kausar and J. Crowcroft, “End-to-end reliable multicast transport protocol adaptation for floor control and other conference control functions requirements.” in *HPN*, ser. IFIP Conference Proceedings, H. As, Ed., vol. 134. Kluwer, 1998, pp. 65–78. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/hpn/hpn1998.html>

- [366] ———, “General conference control protocol,” in *SIXTH IEE CONFERENCE ON TELECOMMUNICATIONS*, 1998, pp. 143–150.
- [367] J. Crowcroft, I. Kouvelas, and L. Vicisano, “Hybrid monitoring and networks simulation - hymns,” *HP Laboratories Technical Report*, pp. 1–8, 1998.
- [368] S. Komandur, D. Moss, and J. Crowcroft, “Performance comparison of cram, seam and spam multipoint vc schemes for atm networks.” in *ICCCN*. IEEE, 1998, pp. 60–67. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/icccn/icccn1998.html>
- [369] M. Ohta and J. Crowcroft, “Static internet multicast,” *IEE Colloquium (Digest)*, pp. 2/1–2/7, 1998.
- [370] L. Vicisano, L. Rizzo, and J. Crowcroft, “Tcp-like congestion control for layered multicast data transfer.” in *INFOCOM*, 1998, pp. 996–1003.
- [371] J. Crowcroft, M. Luby, V. Paxson, B. Huberman, and R. Lukose, “Traffic jams on the internet [4] (multiple letters),” *Science*, vol. 280, pp. 181–184, 1998.
- [372] P. White and J. Crowcroft, “The integrated services in the internet: State of the art,” *P IEEE*, vol. 85, pp. 1934–1946, Dec 1997.
- [373] C. Perkins and J. Crowcroft, “Real-time audio and video transmission of ieeeglobecom ’96 over the internet,” *IEEE COMMUN MAG*, vol. 35, pp. 30–33, Apr 1997.
- [374] J. Crowcroft, “Video-mediated communication,” in *Video-mediated communication*, K. Finn, A. Sellen, and S. Wilbur, Eds. Lawrence Erlbaum Assoc Inc, Apr 1997.
- [375] K. Carlberg and J. Crowcroft, “Building shared trees using a one-to-many joining mechanism,” *Computer Communication Review*, vol. 27, pp. 5–11, 1997.
- [376] C. Diot, W. Dabbous, and J. Crowcroft, “Multipoint communication: A survey of protocols, functions, and mechanisms.” in *IEEE Journal on Selected Areas in Communications*, vol. 15, no. 3, 1997, pp. 277–290.
- [377] M. Handley and J. Crowcroft, “Network text editor (nte): A scalable shared text editor for the mbone.” in *SIGCOMM*, 1997, pp. 197–208.

- [378] B. Carpenter and J. Crowcroft, "Prospects for internet technology." in *Distributed Systems Engineering*, vol. 4, no. 2, 1997, pp. 78–86.
- [379] J. Crowcroft, "Routing options with ip," *IEE Colloquium (Digest)*, pp. 1/1–1/4, 1997.
- [380] B. Patel and J. Crowcroft, "Ticket based service access for the mobile user." in *MOBICOM*, L. Pap, K. Sohraby, D. Johnson, and C. Rose, Eds. ACM, 1997, pp. 223–233. [Online]. Available: <http://dl.acm.org/citation.cfm?id=262116>
- [381] J. Crowcroft, "The internet: A tutorial," in *ELECTRONICS COMMUNICATION ENGINEERING JOURNAL*, vol. 8, Jun 1996, pp. 113–122.
- [382] —, "High performance protocol architectures - hipparch project and workshop," *J HIGH SPEED NETW*, vol. 5, pp. 105–108, 1996.
- [383] Z. Wang and J. Crowcroft, "Prefetching in world wide web," in *IEEE GLOBECOM 1996 - GLOBAL INTERNET'96, CONFERENCE RECORD*, 1996, pp. 28–32.
- [384] J. Crowcroft, "Pricing the internet," *IEE Colloquium (Digest)*, pp. 1/1–1/4, 1996.
- [385] Z. Wang and J. Crowcroft, "Quality-of-service routing for supporting multimedia applications." in *IEEE Journal on Selected Areas in Communications*, vol. 14, no. 7, 1996, pp. 1228–1234.
- [386] A. Ghosh and J. Crowcroft, "Some lessons learned from various alf and ilp applications," *Australian Computer Journal*, vol. 28, pp. 42–47, 1996.
- [387] —, "Some lessons learned from various alf and ilp applications." in *Australian Computer Journal*, vol. 28, no. 2, 1996, pp. 42–47.
- [388] J. CROWCROFT, Z. WANG, A. SMITH, and J. ADAMS, "A rough comparison of the ietf and atm service models," *IEEE NETWORK*, vol. 9, pp. 12–16, Nov 1995.
- [389] J. CROWCROFT, D. ESTRIN, H. SCHULZRINNE, M. SCHWARTZ, and W. SINCOSKIE, "The global internet," *IEEE J SEL AREA COMM*, vol. 13, pp. 1366–1370, Oct 1995.

- [390] M. Handley and J. Crowcroft, *The World Wide Web*. CRC, Jun 1995.
- [391] Z. Wang and J. Crowcroft, "Bandwidth-delay based routing algorithms," in *GLOBECOM '95 - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, VOLS 1-3*, 1995, pp. 2129–2133.
- [392] I. Wakeman, A. Ghosh, J. Crowcroft, V. Jacobson, and S. Floyd, "Implementing real time packet forwarding policies using streams." in *USENIX Winter*, 1995, pp. 71–82.
- [393] J. Crowcroft, *Open distributed systems*. Artech House Publishers, 1995.
- [394] J. Crowcroft, Z. Wang, A. Smith, and J. Adams, "Rough comparison of the ietf and atm service models," *IEEE Network*, vol. 9, pp. 12–16, 1995.
- [395] J. Crowcroft, "Rsvp and q.2931," *IEE Colloquium (Digest)*, pp. 3/1–3/4, 1995.
- [396] A. da Cruz, D. Lewis, and J. Crowcroft, "Teleservice requirements for management," *Computer Networks and ISDN Systems*, vol. 26, pp. S163–S178, 1995.
- [397] M. Handley, I. Wakeman, and J. Crowcroft, "The conference control channel protocol (cccp): A scalable base for building conference control applications." in *SIGCOMM*, 1995, pp. 275–287.
- [398] I. Wakeman and J. Crowcroft, "A combined admission and congestion control scheme for variable bit rate video," *Distributed Systems Engineering*, vol. 1, pp. 242–256, 1994.
- [399] ———, "A combined admission and congestion control scheme for variable bit rate video." in *Distributed Systems Engineering*, vol. 1, no. 4, 1994, pp. 242–242.
- [400] Z. Wang and J. Crowcroft, "A dual-window model for flow and congestion control." in *Distributed Systems Engineering*, vol. 1, no. 3, 1994, pp. 162–172.
- [401] S. Wilbur, G. Beirne, J. Crowcroft, J. Ensor, and J. Tang, "Getting the model right for video-mediated communication (panel abstract)." in *ACM Multimedia*, M. Blattner and J. Limb, Eds. ACM Press, 1994, pp. 389–390. [Online]. Available: <http://dl.acm.org/citation.cfm?id=192593>

- [402] B. Kumar and J. Crowcroft, "Policy control of inter-administrative domain data communication," *Journal of High Speed Networks*, vol. 3, pp. 285–308, 1994.
- [403] J. Crowcroft and G. Joly, "Touring and navigating a global learning environment - the web," *Computer Networks and ISDN Systems*, vol. 26, pp. S71–S74, 1994.
- [404] J. Crowcroft, "Why lossy internetworking and lossless abr atm services do not go together - rn/94/21," *IEE Colloquium (Digest)*, pp. 3/1–3/6, 1994.
- [405] Z. Wang and J. Crowcroft, "A unified framework for multicast forwarding." in *NOSSDAV*, ser. Lecture Notes in Computer Science, D. Shepherd, G. Blair, G. Coulson, N. Davies, and F. Garcia, Eds., vol. 846. Springer, 1993, pp. 252–258. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/nossdav/nossdav93.html>
- [406] Z. WANG and J. CROWCROFT, "Analysis of burstiness and jitter in multimedia communications," in *GLOBECOM '93 COMMUNICATIONS FOR A CHANGING WORLD, CONFERENCE RECORD*, 1993, pp. 1496–1500.
- [407] Z. Wang and J. Crowcroft, "Analysis of burstiness and jitter in real-time communications." in *SIGCOMM*, 1993, pp. 13–19.
- [408] T. Ballardie, P. Francis, and J. Crowcroft, "Core based trees (cbt)." in *SIGCOMM*, 1993, pp. 85–95.
- [409] D. Lewis and J. Crowcroft, "Multimedia applications and services in the prepare testbed." in *Broadband Islands*, O. Spaniol and F. Williams, Eds. Elsevier, 1993, pp. 327–330. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/bi/bi1993.html>
- [410] B. KUMAR and J. CROWCROFT, "Scalability analysis of inter-domain routing protocols," in *IEEE SINGAPORE INTERNATIONAL CONFERENCE ON NETWORKS/INTERNATIONAL CONFERENCE ON INFORMATION ENGINEERING '93 - THEME: COMMUNICATIONS AND NETWORKS FOR THE YEAR 2000, VOLS 1 AND 2*, G. Poo and E. Seumahu, Eds., 1993, pp. 857–861.

- [411] J. CROWCROFT, S. HAILES, M. HANDLEY, A. JENA, D. LEWIS, and I. WAKEMAN, “Some multimedia traffic characterization and measurement results,” in *FOURTH IEE CONFERENCE ON TELECOMMUNICATIONS*, vol. 371, 1993, pp. 167–174.
- [412] I. Wakeman, D. Lewis, and J. Crowcroft, “Traffic analysis of trans-atlantic traffic.” in *Computer Communications*, vol. 16, no. 6, 1993, pp. 376–388.
- [413] Z. WANG and J. CROWCROFT, “A fluid model approximation to quantitative information feedback in congestion control,” in *ELEVENTH ANNUAL INTERNATIONAL PHOENIX CONFERENCE ON COMPUTERS AND COMMUNICATIONS*, 1992, pp. 315–322.
- [414] G. Pavlou, J. Cowan, and J. Crowcroft, “A generic management information base browser.” in *ULPAA*, ser. IFIP Transactions, G. Neufeld and B. Plattner, Eds., vol. C-7. North-Holland, 1992, pp. 221–232. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/ulpaa/ulpaa1992.html>
- [415] J. Crowcroft, I. Wakeman, Z. Wang, and D. Sirovica, “Is layering harmful?” *IEEE Network*, vol. 6, pp. 20–24, 1992.
- [416] J. Crowcroft, S. Hailes, M. Handley, A. Jena, D. Lewis, and I. Wakeman, “Some multimedia traffic characterization and measurement results.” in *NETWORKS*, ser. IFIP Transactions, S. Raghavan, G. Bochmann, and G. Pujolle, Eds., vol. C-13. North-Holland, 1992, pp. 3–14. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/networks/networks1992.html>
- [417] P. Kirstein and J. Crowcroft, “International links for research collaboration.” in *Computer Networks and ISDN Systems*, vol. 21, no. 4, 1991, pp. 261–273.
- [418] J. CROWCROFT, P. KIRSTEIN, and D. TIMM, “Multimedia teleconferencing over international packet switched networks - rn/90/xx,” in *PROCEEDINGS OF TRI COMM 91 - IEEE CONFERENCE ON COMMUNICATIONS SOFTWARE : COMMUNICATIONS FOR DISTRIBUTED APPLICATIONS AND SYSTEMS*, 1991, pp. 23–33.
- [419] J. Crowcroft, P. Kirsten, and D. Timm, “Multimedia teleconferencing over international psdns.” in *Computer Communications*, vol. 14, no. 7, 1991, pp. 433–437.

- [420] J. CROWCROFT, “Policy routing and protocol hierarchies - rn/89/50,” in *ISSUES IN LAN MANAGEMENT, II*, I. DALLAS, E. SPRATT, and J. CABANEL, Eds., 1991, pp. 211–220.
- [421] A. ELIASZ and J. CROWCROFT, “Some investigations into policy based routing schemes and systems,” in *ISSUES IN LAN MANAGEMENT, II*, I. DALLAS, E. SPRATT, and J. CABANEL, Eds., 1991, pp. 193–209.
- [422] M. d’Inverno and J. Crowcroft, “Specification, design and implementation of an interactive conferencing system.” in *INFOCOM*, 1991, pp. 1114–1126.
- [423] J. Crowcroft and R. Bradshaw, “Tcp / ip internet protocols and janet.” in *Computer Networks and ISDN Systems*, vol. 23, no. 1-3, 1991, pp. 177–184.
- [424] Z. Wang and J. Crowcroft, “Shortest path first with emergency exits.” in *SIGCOMM*, 1990, pp. 166–176.
- [425] S. WILBUR, J. CROWCROFT, and Y. MURAYAMA, “Mac layer security measures in local area networks,” *LECT NOTES COMPUT SC*, vol. 396, pp. 53–65, 1989.
- [426] S. Wilbur, J. Crowcroft, and Y. Murayama, “Mac layer security measures in local area networks.” in *LANSEC*, ser. Lecture Notes in Computer Science, T. Berson and T. Beth, Eds., vol. 396. Springer, 1989, pp. 53–65. [Online]. Available: <http://www.informatik.uni-trier.de/ley/db/conf/lansec/lansec1989.html>
- [427] J. Crowcroft and K. Paliwoda, “A multicast transport protocol.” in *SIGCOMM*, 1988, pp. 247–256.
- [428] K. Seo, J. Crowcroft, P. Spilling, J. Laws, and J. Leddy, “Distributed testing and measurement across the atlantic packet satellite network(satnet).” in *SIGCOMM*, 1988, pp. 235–246.
- [429] J. Crowcroft, “Home page.” [Online]. Available: <http://www.cl.cam.ac.uk/jac22/>
- [430] C. Efstratiou, I. Leontiadis, M. Picone, C. Mascolo, K. Rachuri, and J. Crowcroft, “Sense and sensibility in a pervasive world,” Newcastle, UK.



- [431] I. Leontiadis, C. Efstratiou, C. Mascolo, and J. Crowcroft, “Senshare: Transforming sensor networks into multi-application sensing infrastructures,” Trento, Italy.

## Patents

- Costa Manuel, Castro Miguel, Rowstron Antony, Crowcroft Jon: Method for detecting, alerting, and/or reducing diffusion of worms in system of networking computers. Microsoft. Aug, 23 2006: KR1020060092832
- Costa Manuel, Castro Miguel, Rowstron Antony, Crowcroft Jon: Containment of worms. Microsoft. Mar, 1 2006: EP1630710 (A2)
- Costa Manuel, Castro Miguel, Rowstron Antony, Crowcroft Jon: Containment of worm. Microsoft. Feb, 2 2006: JP2006-031718
- Costa Manuel, Castro Miguel, Rowstron Antony, Crowcroft Jon: Containment of worms. Microsoft. Jan, 25 2006: CN1725759 Link Product Attach Note
- Oliveira Manuel, Slater Mel, Crowcroft Jon: Network performance indicators. Oliveira Manuel, Slater Mel, Crowcroft Jon. Nov, 27 2003: WO2003/097194
- Oliveira Manuel, Slater Mel, Crowcroft Jon: Network performance indicators. Oliveira Manuel, Slater Mel, Crowcroft Jon. Sep, 17 2003: GB2386501B
- Crowcroft Jon, Perkins Colin, Brown Ian: A method and apparatus for generating multiple watermarked copies of an information signal. Univ London. Jan, 9 2002: EP1169849 (A1)
- Crowcroft Jon, Perkins Colin, Brown Ian: A method and apparatus for generating multiple watermarked copies of an information signal. Univ London. Dec, 19 2001: GB2363555A
- Crowcroft Jon, Perkins Colin, Brown Ian: A method and apparatus for generating multiple watermarked copies of an information signal. University College London, Crowcroft Jon, Perkins Colin, Brown Ian. Sep, 21 2000: WO2000/056059
- Tony Ballardie, Paul Tsuchiya, Jon Crowcroft, "Core Based Trees (CBT): An .... "Multicast Routing using Core Base Trees," USA Patent 5331637 (1994).