random early detection based congestion control mechanism for bursty and correlated traffic. IEEE Proceedings-Soetware, 2004, 151 (5): 240~247

33 Asfand-E-Yar, Awan I, Woodward M E. RED based congestion control mechanism for Internet traffic at routers. Information networking: Convergence in Brodband and Mobile Networking Lecture Notes in Computer Science, 2005, 3391: 142~151

34 Ramakrishnan K K, Floyd S. A Proposal to Add Explicit Congestion Notification (ECN)to IP, RFC 2481, Jan. 1999

35 Pentikousis K, Badr H. An evaluation of TCP with explicit congestion notification. Annales des Telecommunications-Annals oetelecommuntcations, 2004, 59 (1-2): 170~198

36 Zabir S M S, Ashir A, Shiratori N. An efficient approach to performance improvement of different TCP enhancements using ECN. IEICE Transactions on Informaytion and Systems, 2002, E85D (8): 1250~1257

37 Liu H S, Xu K, Xu M W. A novel ECN-based congestion control and avoidance algorithm with forecasting and verifying. Telecommunications and Ndetworking-ICT 2004 Lecture Notes in Computer Science, 2004, 3124: 199~206

38 Matsuda T, Nagata A, Yamamoto M. Active ECN mechanism for fairness among TCP sessions with different round trip times. IEICE Transactions on Communications, 2004, E87B (10): 2931~2938

39 Yan P, Gao Y, Ozbay H. A variable structure control approach to active queue management for TCP with ECN. IEEE Transactions on Control Systems Technology, 2005, 13 (2): 203~215

40 Zhu R J, Teng H T, Hu W L. A predictive controller for AQM router supporting TCP with ECN. Content Computing Proceedings Lecture Notes in Computer Science, 2004, 3309: 131~136

41 Floyd S, Handley M, Padhye J, et al. Equation-based Congestion Control for Unicast Applications. February 2000. http://www.aciri.org/tfrc/

42 Floyd S, Handley M, Padhye J. A Comparison of Equation-Based and Aimd Congestion Control. February 2000. http://www.aciri.org/tfrc/

43 Ng S W, Chan E. Equation-based TCP-friendly congestion control under lossy environment. Journal of Systems Archirecture, 2005, 51 (9): 542~569

44 Mahdavi J, Floyd S. TCP-friendly Unicast Rate-based Flow Control. Note sent to end2end-interest mailing list, Jan. 1997

45 Rhee I, Xu L S. Limitations of equation-based congestion control. Cmputer Communicatton Review, 2005, 35 (4): 49~60

46 Kunniyur S, Srikant R. Analysis and design of an adaptive virtual queue algorithm for active queue management. In: Proceedings of ACM SIGCOM 2001, San Diego, CA, USA, 2001

47 Kunniyur S S, Srikant R. An Adaptive Virtual Queue (AVQ)algorithm for Active Queue Management. IEEE-ACM Transactions on Networking, 2004, 12 (2): 286~299

48 Tan L S, Yang Y, Lin C. Scalable parameter tuning for AVQ. IEEE Communications Letters, 2005, 9 (1): 90~92

49 Jin C, Wei D, Low S H. FAST TCP: From theory to experiments. IEEE Network, 2005, 19 (1): 4~11

50 Tan L S, Yuan C, Zukerman M. FAST TCP: Fairness and queuing issues. IEEE Commjinications Letters, 2005, 9 (8): 762~764

51 Casetti C, Gerla M, Mascolo S. TCP westwood: End-to-end congestion control for wired/wireless networks. Wirelfss Networks, 2002, 8 (5): 467~479

52 Grieco L A, Mascolo S. End-to-end bandwidth estimation for congestion control in packet networks. Quality of Service in Multiservice IP Networks. Proceedings Lecture Nots in Computer Science, 2003, 2601: 645~658

53 Shor M H, Lik W J. Application of control theory of modeling and analysis computer system. http://www.cse.ogi.edu/~kangli/

54 Habibipou F, Khajepour M, Galily M. Application of control engineering methods to congestion control in differentiated service networks. Control Engineering Practice, 2006, 14 (4): 425~435

# 2007 年中国计算机大会(CNCC 2007)
# 征文通知

2007 中国计算机大会(2007 China National Computer Conference, CNCC 2007)由中国计算机学会、苏州市人民政府主办，苏州市科学技术协会承办，将于 2007 年 10 月 18 日至 20 日在苏州举行。它将为我国计算机界提供一个交流最新研究成果的舞台。CNCC 2007 是继 CNCC2003, CNCC2005 和 CNCC2006 之后的中国计算机界又一次盛会。

CNCC 2007 的议题涉及计算机领域各个方面。本次大会将安排大会特邀报告、专题报告、企业专题论坛和热点问题讨论，同时将举办有关 IT 技术的展览。

本届大会将举办一系列展览，欢迎海内外企业、出版社、高校和研究所来参展。参展主题不限，可以是企业产品、出版物、高校和研究所研究成果以及组织形象等。

CNCC 2007 诚请广大计算机界研究人员、技术人员以及其他相关人士投稿。会议的议题主要包括(但不限于此)：

高性能计算机；高性能计算机评测；传感器网络；嵌入式系统；对等计算；生物信息学；网格计算；网络存储系统；编译系统；虚拟现实；多核处理器；人工智能；理论计算机科学；软件工程；多媒体技术；信息安全技术；普适计算；数据库技术；搜索引擎技术；图形学与人机交互；中文处理；互联网络；模式识别；计算机应用技术。

**投稿须知**

作者投往本届大会的稿件必须是原始的、未发表的研究成果、研究经验或工作突破性进展报告。稿件须以中文撰写，以 word 文件格式提交。所有稿件将依据统一的原则进行审理，然后大会根据稿件的审理结果决定稿件是否录用。所有录用稿件将收录在本届大会论文集中。此外，本届大会的优秀稿件将推荐在《计算机学报》、《软件学报》、《计算机研究与发展》上发表。

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