Vasilios A. Siris - Publications


Editing of Books/Volumes

Invited book chapters

Publications in conference/workshop proceedings with review of full paper


C26. V.A. Siris and I. Stavarakis, “Provider-Based Deterministic Packet Marking against Distributed DoS Attacks”. In Proc. of 1st Int’l Workshop on Security in Systems and Networks (SSN’05), co-located with 19th IEEE Int’l Parallel and Distributed Processing Symposium (IPDPS’05), Denver, USA, April 2005. Acceptance ratio 32% (16/50)
C32. V.A. Siris and P. Alafouzos, “Throughput Differentiation for TCP Uplink Traffic in IEEE 802.11e Wireless LANs”. In Proc. of 14th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN’05), Chania, Crete, Greece, September 2005. Acceptance ratio 36.6% (41/112)
C33. V.A. Siris and C. Courcoubetis, “Resource Control for the EDCA and HCCA Mechanisms in IEEE 802.11e Networks”. In Proc. of 4th Int’l Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt’06), Boston, USA, April 2006. Acceptance ratio 30% (42/140)
C34. V.A. Siris and G. Stamatakis, “Application of Network Layer Mechanisms for Service Differentiation in 802.11 WLANs: Implementation and Experience”. In Proc. of IEEE Wireless Communications and Networking Conference (WCNC’06), Las Vegas, USA, April 2006. Acceptance ratio 38.9% (117/301 – networking track)
C36. V.A. Siris and C. Courcoubetis, “Resource Control for the EDCA Mechanism in
Multi-rate IEEE 802.11e Networks”. In Proc. of IEEE Int’l Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM’06), Niagara Falls, NY, USA, June 2006. Acceptance ratio 27.5% (39/142 – acceptance for regular papers)

C37. V.A. Siris and G. Stamatakis, “Optimal CWmin Selection for Achieving Proportional Fairness in Multi-rate 802.11e WLANs: Test-bed Implementation and Evaluation”. In Proc. of 1st ACM Int’l Workshop on Wireless Network Testbeds, Experimental evaluation and Characterization (WiTECH’06), co-located with ACM MOBICOM’06, Los Angeles, USA, September 2006. Acceptance ratio 35.5% (11/31)


C50. X. Fafouis and V. A. Siris, “Handover Incentives for WLANs with Overlapping Coverage”. In Proc. of 7th Int’l Conf. on Wired/Wireless Internet Communications (WWIC’09), The Netherlands, March 2009. Published in Lecture Notes in Computer Science 5546/2009, Springer. Acceptance ratio 33.3% (13/39)

C51. X. Fafouis and V. A. Siris, “Performance Incentives for Cooperation between Wireless Mesh Network Operators”. In Proc. of 2nd Int’l Workshop on CARrier-grade wireless MEsh Networks (CARMEN), co-located with IEEE INFOCOM 2010, San Diego,
HIITA, March 2010.


C56. X. Fafoutis and V. A. Siris. “Handover Incentives: Revised Model with extensions for Uplink Traffic”. In Proc. of 1st Int'l Workshop Mobility in Future Internet (MiFi), Chania, Greece, June 2010.


In conferences/workshops with review of abstract


W5. G. Margetis and V.A. Siris, “Weighted Window-Based Congestion Control: Testbed Implementation and Experiments”. In Proc. of 8th Int’l Conference on Advances in Communications and Control (COMCON’01), Rethymno, Crete, Greece, June 2001. (The full paper was published in the proceedings)


W7. V. Angelakis, M. Genetzakis, N. Kossifidis, K. Mathioudakis, M. Ntelakis, S.


W9. X. Fafoutis and V. A. Siris, “Cooperation Incentives between Wireless Mesh Network Operators”. In 3rd ERCIM Workshop on eMobility, held in conjunction with WWIC 2009, Enschede, Netherlands, May 2009.


**Invited papers in conferences and workshops**


I5. V.A. Siris, G. Stamatakis, and E. Tragos, “Channel Assignment based on the End-to-end Throughput in Multi-hop Wireless Networks”. In 9th Int’l Conference on Wired/Wireless Internet Communications (WWIC’11), Barcelona, Spain, June 2011. Published in Lecture Notes in Computer Science 6649/2011, Springer.

**Participation in reports**


**Other publications**


**Demonstrations**


**Technical Reports**

Technical reports that have not appeared in journals or proceedings.


