Resources on Ad Hoc Networks

A Bibliography Compiled

By

Resource Centre

DA–IICT
Resource Centre
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Gandhinagar – 382 007
# Resources on Ad Hoc Networks

*(Available in the Resource Centre)*

**Prepared on 01st of October, 2009**

## I. Books on Ad Hoc Networks

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<th>Author(s)</th>
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<td>Chandra, Praphul</td>
<td>Bulletproof wireless security: GSM, UMTS, 802.11 and ad hoc security.</td>
<td>Amsterdam. Newnes, 2005.</td>
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<td>1</td>
<td>Chander, Vipperla Ravi</td>
<td>Incorporation of mobility model of nodes in zone routing protocol for mobile ad hoc wireless networks.</td>
<td>Gandhinagar, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)</td>
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<td>Modeling ad hoc network as queuing network.</td>
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<td>Mistry, Kamal</td>
<td>Buffer aware routing in interplanetary ad hoc network.</td>
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<td>621.38216 MIS</td>
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<td>Munjal, Aarti</td>
<td>Modeling MANETs using queuing networks.</td>
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<td>2007</td>
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<td>5</td>
<td>Patel, Brijesh</td>
<td>Scalable routing in mobile ad hoc networks.</td>
<td>Gandhinagar, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)</td>
<td>2009</td>
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<td>Sejpal, Riddhima</td>
<td>Exploring small world effect in ad hoc network.</td>
<td>Andhinagar, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)</td>
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Queueing-theoretic framework for performance analysis of mobile ad hoc networks with finite buffer nodes.  
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T00177 |
| 8  | Sheth, Kavan J.  
Analysis of address allocation protocols for mobile ad hoc networks.  
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### III. LECTURE NOTES IN COMPUTER SCIENCE AVAILABLE ONLY IN ELECTRONIC FORMAT

   Lecture Notes in Computer Science, Vol. 2865, 2003  
   Editors: Pierre, Samuel; Barbeau, Michel; Kranakis, Evangelos,  
   http://tinyurl.com/ydrqmof

   Lecture Notes in Computer Science, Vol. 3158, 2004  
   Editors: Nikolaidis, Ioanis; Barbeau, Michel; Kranakis, Evangelos,  
   http://tinyurl.com/yd6fp8s

   Lecture Notes in Computer Science, Vol. 3738, 2005  
   Editors: Syrotiuk, Violet R.; Chávez, Edgar,  
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   Lecture Notes in Computer Science, Vol. 3794, 2005  
   Editors: Jia, Xiaohua; Wu, Jie; He, Yanxiang,  
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   Lecture Notes in Computer Science, Vol. 4074, 2006  
   Editors: Burmester, Mike; Yasinsac, Alec,  
   http://tinyurl.com/yc3crub
   Lecture Notes in Computer Science, Vol. 4104, 2006
   Editors: Kunz, Thomas; Ravi, S.S.,
   http://tinyurl.com/ydon3kc

   Lecture Notes in Computer Science, Vol. 4325, 2006
   Editors: Cao, J.; Stojmenovic, I.; Jia, X.; Das, S.K.,
   http://tinyurl.com/ydrq3t7

   Lecture Notes in Computer Science, Vol. 4686, 2007
   Editors: Kranakis, Evangelos; Opatrny, Jaroslav,
   http://tinyurl.com/yedyy2w

   Lecture Notes in Computer Science, Vol. 4852, 2007
   Editor/s: Pralat, Pawel; Janssen, Jeannette
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    Lecture Notes in Computer Science, Vol. 4864, 2007
    Editor/s: Zhang, Hongke; Olariu, Stephan; Cao, Jiannong; Johnson, David B.
    http://tinyurl.com/y8hpud2

    Lecture Notes in Computer Science, Vol. 4913, 2008
    Editor/s: Verdone, Roberto
    http://tinyurl.com/ybn7jzh

12. NETWORKING 2008 Ad Hoc and Sensor Networks, Wireless Networks, Next Generation Internet
    Lecture Notes in Computer Science, Vol. 4982, 2008
    Editor/s: Das, Amitabha; Pung, Hung Keng; Lee, Francis Bu Sung; Wong, Lawrence Wai Choong
    http://tinyurl.com/6hkbnv

13. Next Generation Teletrafficc and Wired/Wireless Advanced Networking
    Lecture Notes in Computer Science, Vol. 5174, 2008
    Editor/s: Balandin, Sergey; Moltchanov, Dimitri; Koucheryavy, Yevgeni
    http://tinyurl.com/4zz3zp8

    Lecture Notes in Computer Science, Vol. 5198, 2008
    Editors: Coudert, David; Simplot-Ryl, David; Stojmenovic, Ivan,
    http://tinyurl.com/3j4uqh
IV. JOURNALS

A. E-JOURNALS SUBSCRIBED BY RC

1. Ad Hoc Networks (Sci. Direct)
   http://www.sciencedirect.com/science/journal/15708705

2. Computer Networks (Sci. Direct)
   http://www.sciencedirect.com/science/journal/13891286

   http://www.sciencedirect.com/science/journal/10848045

4. IEEE/ACM Transactions on Networking (TON) (ACM)

5. International Journal of Wireless Information Networks (Springer)
   http://www.springerlink.com/content/101153/

6. Mathematical and Computer Modelling (Sci. Direct)
   http://www.sciencedirect.com/science/journal/08957177
7. Mobile Networks and Applications (Springer)  
   http://www.springerlink.com/content/101750/

8. Network, IEEE (IEEE)  

   http://www.sciencedirect.com/science/journal/13534858

   http://www.sciencedirect.com/science/journal/09218890

   http://www.sciencedirect.com/science/journal/07365845

12. Wireless Networks (Springer)  
   http://www.springerlink.com/content/101756/

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**B. PRINT JOURNALS SUBSCRIBED BY RC**

1. Computer Journal  
   http://comjnl.oxfordjournals.org/current.dtl

2. International Journal of Distributed Sensor Networks  
   http://www.informaworld.com/smpp/title~content=t714578688

3. Security and Communication Network  
   http://www3.interscience.wiley.com/journal/114299116/toc

4. Wireless Communications and Mobile Computing  
   http://www3.interscience.wiley.com/cgi-bin/jhome/76507157

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**V. CONFERENCE/WORKSHOP/ SYMPOSIUM/ PROCEEDINGS**

**A. ACM WORKSHOP**

1. MobiCom: International Conference on Mobile Computing and Networking:  


**B. IEEE WORKSHOP AND CONFERENCES**


10. Sensor and Ad Hoc Communications and Networks (SECON), IEEE Communications Society Conference on

11. Sensor, Mesh and Ad Hoc Communications and Networks Workshops, SECON Workshops IEEE Annual Communications Society Conference on
http://ieeexplore.ieee.org/xpl/conhome.jsp?punumber=1001788

VI. IEEE ComSoc ONLINE TUTORIALS (VCD's & DVD's)

Amjad Soomro and Sai Shankar N
Duration: 333 min.
A00180

2. Advances in Wireless Local Area Networks
Benny Bing
Duretion: 139 min.
A00181

3. Broadband wireless access—the next wireless revolution
Benny Bing
Duration: 135 min.
A00273

4. Mobile Ad Hoc Networking
Belding-Royer and Sung-Ju Lee
Duration: 180.37 min.
Web Version

5. Mobile Ad Hoc Networks: Routing, MAC and Transport Issues
Nitin H. Vaidya
Duration: 281 min.
A00197

6. Tutorial on Wireless LAN (Wi-Fi) Security
James T. Yu
Duration: 181.35 min.
A00208

7. Wireless communication systems—a journey from 1st generation to 3rd generation and beyond
Jha, Uma S.
Duration: 180.58 min.
A00281

8. Wireless Mesh Networks
Prasant Mohapatra
A00214
9. Wireless cooperative communication networks
Dohler, Mischa and Aghvami, Hamid
Duration: 2 hr. 37 min.,
621.384 DOH
A00364

10. Wireless Sensor and Actuator Networks
Erdal Cayirci
Duration: 126.43 min.
A00215

11. Wireless Sensor Networks
Ramesh Govindan
Duration: 230 min.
A00216

Mehmet Ulema
Duration: 216.41 min.
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Duration: 281 min.,
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VII. WEBSITE & PORTALS

1. Ad Hoc Networks

2. Ad Hoc Network Simulator
http://www.cs.pitt.edu/~melhem/Mobility/index.html

3. Computer Networks Research Group

4. Routing Protocols for Ad Hoc Mobile Wireless Networks
http://www.cse.wustl.edu/~jain/cis788-99/adhoc_routing/

5. Selected bibliography related to wireless ad hoc networks
http://w3.antd.nist.gov/wctg/manet/manet_bibliog.html#AdHoc

6. Wireless Communication research
http://users.ece.utexas.edu/~jandrews/research.html

7. Wireless Networking & Communications Group
http://www.wncg.org/
VIII. CALL FOR PAPERS & SPECIAL ISSUE

1. Call for paper on Ad Hoc Now 2009: The 8th International Conference on Ad hoc Networks and Wireless
   http://libra.inf.um.es/~pedrom/adhocnow/ADHOCNOW-09-cfp.pdf

2. Special Issue on Control over Wireless Networks: Foundations, Networking, and Applications
   IEEE Transactions on Industrial Informatics - November 2010

3. Special issue on Multimedia Ad Hoc And Sensor Networks
   http://www.elsevierscitech.com/pdfs/cfp_adhoc0709.pdf

4. Special Issue on: "Mobile, Multimedia, Ad Hoc and Sensor Networks"
   http://www.inderscience.com/browse/callpaper.php?callID=1228

5. Special Issue on Multimedia Ad hoc and sensor networks - Ad Hoc

6. Special Issue on Security and Privacy in Emerging Wireless Networks
   IEEE Wireless Communications Magazine - October 2010
   http://www.comsoc.org/livepubs/pci/info/cfp/CFPwireless1010.htm

7. Special Issue on "Wireless & Mobile Networks"

End