



Dr. Manohar Chaudhari <mschaudhari20@gmail.com>

[TSP 2017] New Paper Submission - ID 222

1 message

TSP 2017 <tspconf@feec.vutbr.cz>

Mon, Mar 13, 2017 at 9:54 PM

Reply-To: tspconf@feec.vutbr.cz

To: mschaudhari20@gmail.com, p_koleva@tu-sofia.bg, vkp@tu-sofia.bg, tspconf@feec.vutbr.cz

Dear Author,

Thank you for your submission to 2017 40th International Conference on Telecommunications and Signal Processing (TSP), which will be held during July 5-7, 2017, in Barcelona, Spain. Below is a copy of the information submitted for your paper. Please mention the "Submission ID 222" in all future correspondence regarding this submission.

Thank you very much for your contribution.

With best regards,

Norbert Herencsar and Marcos Faundez-Zanuy
TSP 2017 General Co-Chairs

Web: <http://tsp.vutbr.cz/>
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Submission ID: 222

Title: Performance Analysis of Service Zone Gateway Prediction Algorithm for MANETs

Student: No

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Topic(s): 03. Network Technologies

Keywords: Ad-hoc networks; MANET; Routing protocols; Wireless communication

Abstract: In this paper the performance analysis of a routing algorithm for MANETs called Service Zone Gateway Prediction (SZGP) is presented. This is a non-cooperative and hybrid type of routing with a hierarchical multilayered structure, incorporating pre-computed multipath hop-by-hop distributed connectivity. The goal is balance of the load among the nodes and reliable and energy efficient communication based on the formation of zones of service (ZS) and choice of nodes as Default Gateways (DG). A weight parameter that is function of the nominal available power and the transmission range of the nodes in the network is introduced. The routing is based on the formation of ZS in each network layer and choice of DG for each ZS considering this weight parameter. Simulation scenarios where the performance of the SZGP algorithm is compared to the well-known AODV routing are developed. The results show that the performance of SZGP related to parameters such as reporting ratio, packet delivery, delay and throughput are similar to those of AODV, but in relation to power efficiency the proposed algorithm outperforms the latter significantly.

Comments:

File: uploaded

----- End of Message -----



Dr. Manohar Chaudhari <mschaudhari20@gmail.com>

Journal paper submission

2 messages

Vladimir Poulkov <vkp@tu-sofia.bg>

Sat, Mar 4, 2017 at 10:53 PM

To: Manohar Chaudhari <mschaudhari20@gmail.com>

Cc: Polly Koleva <p_koleva@tu-sofia.bg>, Oleg Asenov <olegasenovpc@gmail.com>

Dear All,

We have submitted the paper for review.

Attached the PDF file.

Let us keep the finger crossed for the acceptance.

Best Regards

Prof. Vladimir Poulkov

Faculty of Telecommunications

Technical University of Sofia

E-mail: vkp@tu-sofia.bg

Tel: +359 2 965 2256

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Chairman of the Bulgarian Cluster Telecommunications

www.btcluster.org

Vice - Chairman of the European Telecommunications Standards Institute (ETSI)

General Assembly

www.etsi.org**WIRE-S-17-00411 (1) (1).pdf**

2062K

Manohar Chaudhari <mschaudhari20@gmail.com>

Sun, Mar 5, 2017 at 12:57 PM

To: Vladimir Poulkov <vkp@tu-sofia.bg>

Respected sir,

Thank you very much.

I will prepare draft for thesis chapter based on this paper.

simultaneously thesis work is in progress.
very soon I will send draft of thesis chapters I have prepare till today for review and comments.
Thank you with regards.

[Quoted text hidden]

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Regards

M .S. Chaudhari
Associate Professor,
Department of Computer Engineering,
Sinhgad Institute of Technology, Lonavala,
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Dr. Manohar Chaudhari <mschaudhari20@gmail.com>

Paper ID 1570195013- WPMC-2015, Hyderabad._Manohar

5 messages

Manohar Chaudhari <mschaudhari20@gmail.com>
To: Ramjee Prasad <ramjee@btech.au.dk>

Sat, Jul 22, 2017 at 6:20 PM

Reference:

Conference - WPMC 2015, Hyderabad. Dec. 13-16, 2015

Paper ID 1570195013

Author ID - 1188533.

Author Name: Manohar Chaudhari, Ramjee Prasad, Vivek Deshpande

Title : Characterization for Reporting Rate of Adaptive Sectoring Scheme to Improve Reliability in WSN.

Dear Sir,

With reference to above, we presented the paper in above conference at hydrabad.

We have sent copyright form to TPC2015 to submit paper at IEEE explorer.

Kindly find the attachment for Paper, Copyright form and certificate.

But we could not see the paper at IEEE explorer.

We have included this paper in PhD thesis, and defense is on 9 October 2017 at TUS, Bulgaria.

What we can do on earliest?

Should we modify and submit at suitable conference ? with out any complications.

Please kindly suggest.

Looking forward your reply.

Thank you with best regards.

Manohar

5 attachments

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postmaster@ist.aau.dk <postmaster@ist.aau.dk>
To: mschaudhari20@gmail.com

Sat, Jul 22, 2017 at 6:24 PM

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From: Manohar Chaudhari <mschaudhari20@gmail.com>

Date: Sat, 22 Jul 2017 18:24:28 +0530

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Subject: Fwd: Paper ID 1570195013- WPMC-2015, Hyderabad._Manohar

To: Prateek Mathur <in_pm@es.aau.dk>

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Return-Path: mschaudhari20@gmail.com

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X-Exchange-Antispam-Report-Test: UriScan:(211171220733660);

X-Exchange-Antispam-Report-CFA-Test: BCL:0;PCL:0;RULEID:(100000700101)(100105000095)(100000701101)(100105300095)(100000702101)(100105100095)(9999012053);SRVR:HE1PR0901MB1356;BCL:0;PCL:0;RULEID:(100000800101)(100110000095)(100000801101)(100110300095)(100000802101)(100110100095)(9999013053);SRVR:HE1PR0901MB1356;

X-Microsoft-Exchange-Diagnostics: 1;HE1PR0901MB1356;23:Ijp+07bhVgkp0M4Va1mTgMByXCuzRICn72MswDU/1b+IyR3RhF3V48DlKeJT82SCdrKWQIo8wTex8f9ivAnFgCLLDUUM/XSx13cPUus3QF2Z5vvG0GFETwe05sTgnpIIKZgKYK00/gc8qtNOB038Q==

X-Microsoft-Exchange-Diagnostics: 1;HE1PR0901MB1356;6:fSDG8KNq5V1ShgBHjN0BSUe30nw2UEabZEqmF0Bw3XoS0bzTwXAEKa7+KRdbBiYzvnHxXbFvyie0vh29MoURN+18DdPJPVb7pWIWnwT4nc9cj+81kvcg+84XJ0BdQs3S3kWDUHHf9uyETPbNC/oxWd/y55aUBYQ1o1kFhJfTsS8kEX5nPrfbUk8/bho12rG/CU5Ksh8tFB6sMaa9B+Y8g0wEVMer80p//2P8esFcG1ger6Gm76S8zUwg5+Gz74t0nMchKPLxEP4TLX67MagEa4xbj6Z8eV/XmQZoXvIFF0SiBF069B4V1gDRXK82bz+uZu/KuLW78rEs49S0ywiA6oB/bmWU/wiWcQa9NcLNLWNRdNt4fbz1mH+oVYQgwTrDBJw2RKKb+26AA5Xpuh0UYEGFH9qVmbApc0TxVgK9t53cvJVos8ScSYZBDWTvGB04Oeg0YaehyShtYi7CnH0XUmZG0i4YwK/bGH3L1wJdSo1lprIG8bXJnJRKrn3cs6Q/SCMdiWJVuCNtVRjTX9dswmzj+044u99/ktCRuf4PFmRrudtbcHCAsHMYfng1bXoUH1n8SoSzsDEbhEAg2iy1RHZtRZ7EE446XFG/0ScP3ZS3oKyxGmUSI+IMvdBSVkrUw0HkaV6hyJwarMuhjg0h1UTX2NV13G0Ihf2nP+aUGyGEwNmYzWztjGn3CaXqd4J0oPX3A6b4SMhwXPNUFPYERdK3qP07YYQNKiCiT0dseS2MM8Oz1Z7diGb4u+L9pJkkd2TfGkd0fIy/ENXQYgkqISCZBvnE6RMYPkds6wRyMNwa9NSrRkBaomnAUhosJZFnoT460ea8u4Qdwnk3vnRVqhz/D4F69eam0BruLub20X5Uw/0Jd8eLyUuB3B8cBKxcXhJbBS+dBjWLGrtYQ==

X-Microsoft-Exchange-Diagnostics: 1;HE1PR0901MB1356;5: xg2Us15r51FC0jaMqRRUcmvR555RY9W61LeJo/Syaz02+r9GfBpINLAokDNP7kjU3b501koCXVJJP8mcsftnV6QANHympvRVMVTWtw05vABRurpich9j7D/iF5xuy2rSYDxwXelM8JltoAFgquARiJzwK033Aa7h145AhkPAeMAjD8pyaSE5g0+SX1oCGIWZ7F+/s+HX7ashqRfeH/lc0Qt1ONj8sfJruCR6Zo6Ndw12gNSYSH/1mgjMEV0oifN/Q8WLgaL5skkx6AYPjjGGsXIDnmlj+F4MitLPR9thbVHiGJEGnBkXd70N6dNjSvX8M+5CWZkD5LF5q3ETePftoEuYXV3V49aaLZLVm/7/Q=;24:IjWa4YFBUngcr8PEh05vVK5SaCAX6CilFxiZaxfvqH8A0QJFwrDHOB21e1fsnEXwfb7etNdnD/vTCH1ZP8MroA==

SpamDiagnosticOutput: 1:99

SpamDiagnosticMetadata: SZE

X-Microsoft-Exchange-Diagnostics: 1;HE1PR0901MB1356;7:Zm5iUz12NQ5Iwz3QkMc135pFC8YEG8jS4MUqB59J20xhvZtk3PzRstKgw7vW4r/6TYf1RFfJt242rHr+AmDv4yz7eQX+G0RAPcpvvqKpnr14zVH/Fbpa1F61yS1zMIIdyiphTe3NS4Sru/E3zhwx6GTeoljrmqW/qc2NXd8z28VnJ0a2t70Qsc44/LaRy/SUy5zFKWUiOdAffP6QZmDxh76Nzsn3H8umc417n+FbbGi4P8N0wIF+DjzMBziiZrWByoVvsm9HcxjPuyX1YE+VlhZMB3QJeu9xUSQAvPyfFMe0KBihxHguUCo/Y59i3AB0G/meHJ5108CMzYtN3Y2Ans00S96Vbsv1cdz9nnH14JaMmwYMK55tAPF6WUYtEJzEwrGI6z1+368ScA8kyJ7iaNj8KgjE0ddMPaSF2odPMNIA1aTDZEGutU2PLpRc3s99rV+vbc0UPd914cD2BmpjZVM7e75PNBZmHiXm00b2dpAE1m+HuKXI/vNzw/sjPzPzTypM7AyX5ChLlnpmVph5DiwCMn341u4mYLSIDVP2TM5Tweqs7vj06IxT6oKzwmMYKmv0n2f48Cj4jAlKXozcsuRjuB1rpz1fwbyf11bvI/2SYRvbJHD9zQFa9qHoi54qirAxPSjLqq2jD3hQawm49fjbgNJPZXYc7V/wD5kZ0cAXtZwa0L2s6zplFVTj1s5/pSe/Ske9TXRGXf94/iiuqs7G0glS8W/Jt1B6ab6qdE00+3pKSP4SrDFBaxGakW2MRBx1I7YjMcZL/ayz5Vz8u9XMsV57+EV6Nj63+c9A43tRjXvfDtrLp8/zbk6C7d0u+wh40/pweYjo9o+/7z01P2Mm1n2mGSf9o3JR0kGE=

X-MS-Exchange-CrossTenant-OriginalArrivalTime: 22 Jul 2017 12:54:33.0347 (UTC)

X-MS-Exchange-CrossTenant-Id: f5dbba49-ce06-496f-ac3e-0cf14361d934

X-MS-Exchange-CrossTenant-FromEntityHeader: Internet

X-MS-Exchange-Transport-CrossTenantHeadersStamped: HE1PR0901MB1356

X-OrganizationHeadersPreserved: HE1PR0901MB1356.eurprd09.prod.outlook.com

X-CrossPremisesHeadersFiltered: ad-exchedge04.aau.dk

X-AAU-ResetSCL: true

Final-Recipient: rfc822;in_pm@es.aau.dk
 Action: failed
 Status: 5.1.1
 Diagnostic-Code: smtp;550 5.1.1 RESOLVER.ADR.RecipNotFound; not found
 X-Display-Name: Prateek Mathur



Ramjee Prasad <ramjee@btech.au.dk>
To: Manohar Chaudhari <mschaudhari20@gmail.com>
Cc: Ashok Chandra <drashokchandra@gmail.com>

Sat, Jul 22, 2017 at 6:25 PM

Dear Manohar,

Dr. Ashok Chandra, TPC EXECUTIVE CHAIR will invite you to write a paper for the special issue of Int J WPC soon.

Best wishes,

Prof. Ramjee Prasad

Knight ("Ridder") of the order of Dannebrog, a distinguished award by the Queen of Denmark

FELLOW IEEE, IET, IETE, WWRF
Founder President, CTIF GLOBAL CAPSULE
Founder Chair, GISFI
Founder Chair, GWS Steering Board
Founder President, VISHWANIKETAN

Founder Editor-in-Chief, Int. J. Wireless Personal Communications (Springer)

Distinguished Professor, Department of Clinical Sciences and Translational Medicine, University of Rome "Tor Vergata", Italy

Professor, Future Technologies for Business Ecosystem Innovation (FT4BI), Aarhus University, Herning, Denmark Email ID: ramjee@btech.au.dk

Sent from my iPhone

[Quoted text hidden]

> <A7.Characterization for Reporting Rate of Adaptive Sectoring_WPMC.pdf>
> <copyright_PaperID_1570195013_Manohar.jpg>
> <Presentation_Certificate.pdf>
> <WPMC2015.pdf>
> <WPMC & GWS 2015 Final Program Brochure.pdf>

Manohar Chaudhari <mschaudhari20@gmail.com>
To: Ramjee Prasad <ramjee@btech.au.dk>

Sat, Jul 22, 2017 at 7:20 PM

Dear Sir,
Thank you for rely.

May I call on Whatsapp as per your convenience time.

With best regards.

Manohar.

[Quoted text hidden]

Ramjee Prasad <ramjee@btech.au.dk>
To: Manohar Chaudhari <mschaudhari20@gmail.com>
Cc: Ashok Chandra <drashokchandra@gmail.com>

Sat, Jul 22, 2017 at 7:45 PM

Dear Manohar,

Please contact Dr. ASHOK CHANDRA (copied to this email).
You may call me tomorrow afternoon Denmark time.

Best wishes,

Prof. Ramjee Prasad

Knight ("Ridder") of the order of Dannebrog, a distinguished award by the Queen of Denmark

FELLOW IEEE, IET, IETE, WWRF
Founder President, CTIF GLOBAL CAPSULE
Founder Chair, GISFI
Founder Chair, GWS Steering Board
Founder President, VISHWANIKETAN

Founder Editor-in-Chief, Int. J. Wireless Personal Communications (Springer)

Distinguished Professor, Department of Clinical Sciences and Translational Medicine, University of Rome "Tor Vergata", Italy

Professor, Future Technologies for Business Ecosystem Innovation (FT4BI), Aarhus University, Herning, Denmark Email ID: ramjee@btech.au.dk

Sent from my iPhone

[Quoted text hidden]



Dr. Manohar Chaudhari <mschaudhari20@gmail.com>

TSP17_Results for Topology and Mobility_Manohar .

8 messages

Manohar Chaudhari <mschaudhari20@gmail.com>

Wed, Jan 25, 2017 at 3:33 PM

To: Vladimir Poulkov <vkp@tu-sofia.bg>

Cc: Polly Koleva <p_koleva@tu-sofia.bg>

Respected Sir,

Respected Madam,

Please kindly find the results in excel sheet for all graph of QOS parameters by varying Mobility and Topology.

Details of same with brief explanation is mentioned in topology_experimentation_details.doc file attached here. Few screenshots of simulation is also attached for your kind reference.

Regarding node density experimentation should we go for following combinations?

Kindly suggest.

Topology	Node Density	Mobility2	Mobility3
Grid	50	5m/sec	10m/sec
Random	50	5m/sec	10m/sec
Horizotal	50	5m/sec	10m/sec
Grid	100	5m/sec	10m/sec
Random	100	5m/sec	10m/sec
Horizotal	100	5m/sec	10m/sec
Grid	150	5m/sec	10m/sec
Random	150	5m/sec	10m/sec
Horizotal	150	5m/sec	10m/sec
Grid	200	5m/sec	10m/sec
Random	200	5m/sec	10m/sec
Horizotal	200	5m/sec	10m/sec

There are too many combinations can be possible.

As per my understanding I perform few combinations for TSP Performance analysis.

If any other combination for experimentation you would like to suggest, please suggest? We will try to do accordingly.

Regarding paper contents and objective please kindly guide me. we will prepare accordingly.

Thank you with warm regards.


--

Regards

M .S. Chaudhari
Associate Professor,
Department of Computer Engineering,
Sinhgad Institute of Technology, Lonavala,
Pune. M.S. (INDIA)
Phone:-Off 02114-304491
Cell:- +918554944349

3 attachments

 **Topology_experimentation_details.docx**
429K

 **Result_Topology_Mobility_TSP_AODV_Manohar.xlsx**
48K

 **Topology_NS2Screenshots.rar**
253K

Vladimir Poulkov <vkp@tu-sofia.bg>
To: Manohar Chaudhari <mschaudhari20@gmail.com>
Cc: Polly Koleva <p_koleva@tu-sofia.bg>

Wed, Jan 25, 2017 at 4:34 PM

Dear Manohar,

Thank you for this e-mail. We will consider the results and give you feedback.

As we are very busy this week we will do our best to respond next week.

Best Regards

Prof. Vladimir Poulkov
Faculty of Telecommunications
Technical University of Sofia

E-mail: vkp@tu-sofia.bg

Tel: +359 2 965 2256

www.tu-sofia.bg

Chairman of the Bulgarian Cluster Telecommunications

www.btcluster.org

Vice - Chairman of the European Telecommunications Standards Institute (ETSI)

General Assembly

www.esti.org

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Manohar Chaudhari <mschaudhari20@gmail.com>

Wed, Jan 25, 2017 at 4:50 PM

To: Vladimir Poulkov <vkp@tu-sofia.bg>

Respected Sir,

Thank you for reply.

With regards.

[Quoted text hidden]

Vladimir Poulkov <vkp@tu-sofia.bg>

Thu, Feb 23, 2017 at 8:10 PM

To: Manohar Chaudhari <mschaudhari20@gmail.com>

Cc: Polly Koleva <p_koleva@tu-sofia.bg>

Dear Manohar,

In the attached file (you have send us) there are only screenshots regarding chain and grid topology (Fig.1 and Fig.2).

Could you send us a screenshot of random topology, as we would like to put screenshots of all three topologies in the paper?

Best Regards

Prof. Vladimir Poulkov

Faculty of Telecommunications

Technical University of Sofia

E-mail: vkp@tu-sofia.bg

Tel: +359 2 965 2256

www.tu-sofia.bg

Chairman of the Bulgarian Cluster Telecommunications

www.btcluster.org

Vice - Chairman of the European Telecommunications Standards Institute (ETSI)

General Assembly

www.esti.org

From: Manohar Chaudhari [mailto:mschaudhari20@gmail.com]

Sent: Wednesday, January 25, 2017 12:04 PM

To: Vladimir Poulkov

Cc: Polly Koleva

Subject: TSP17_Results for Topology and Mobility_Manohar .

Respected Sir,

[Quoted text hidden]

 **Topology_experimentation_details.docx**
429K

Manohar Chaudhari <mschaudhari20@gmail.com>
To: Vladimir Poulkov <vkp@tu-sofia.bg>

Thu, Feb 23, 2017 at 8:34 PM

Respected sir,

Yes I will reply now. please wait. I am working on it. it will take max 15/20 minutes max.

Thanks.

[Quoted text hidden]

Manohar Chaudhari <mschaudhari20@gmail.com>
To: Vladimir Poulkov <vkp@tu-sofia.bg>
Cc: Polly Koleva <p_koleva@tu-sofia.bg>

Thu, Feb 23, 2017 at 9:14 PM

Respected Sir,
please find random topology snap.
If any other details require please feel free to ask. I am available now on line till you there.

Thanks with regards.

On Thu, Feb 23, 2017 at 8:10 PM, Vladimir Poulkov <vkp@tu-sofia.bg> wrote:

[Quoted text hidden]

[Quoted text hidden]

 **Random topology snap.docx**
443K

Vladimir Poulkov <vkp@tu-sofia.bg>
To: Manohar Chaudhari <mschaudhari20@gmail.com>
Cc: Polly Koleva <p_koleva@tu-sofia.bg>

Sat, Mar 4, 2017 at 4:08 PM

Dear Manohar,

We are currently in the process of uploading the paper to be submitted for the Springer Journal.

For the upload to be completed, the system requires a short CV of the authors (no more than 1/3 page).

Please urgently send me your short CV so that we can upload the paper successfully as the deadline for submission is tomorrow.

Sorry, for this inconvenience, but we were not aware of this requirement regarding the submission.

Attached is are some CVs for your information. You can use them as templates. If you do not have a photo currently available we will include it in your CV after the revision if accepted.

When ready we will send you're a copy of the paper submission.

Expecting your soonest reply.

[Quoted text hidden]

2 attachments**CV_Dandanov_022017.docx**

43K

**CV_Tonchev_062016.docx**

196K

Manohar Chaudhari <mschaudhari20@gmail.com>
To: Vladimir Poulkov <vkp@tu-sofia.bg>

Sat, Mar 4, 2017 at 6:03 PM

Respected sir,

Thank you for this email.

I just read and working on it. Try to send within hour.

Thank you very much sir.

[Quoted text hidden]