



Chaitanya Duggineni <chaiturohini@gmail.com>

Manuscript WIRE-D-16-00086 for review

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1 message

Wireless Personal Communications <em@editorialmanager.com>
Reply-To: Wireless Personal Communications <jenilyn.jaos@springer.com>
To: Chaitanya Duggineni <chaiturohini@gmail.com>

Thu, Jul 14, 2016 at 7:30 AM

Dear Mrs Duggineni,

In view of your expertise I would be very grateful if you could review the following manuscript which has been submitted to Wireless Personal Communications.

Manuscript Number: WIRE-D-16-00086

Title: A 802.11 based Mobile Station Relaying Scheme for LTE - Advanced Cellular Network

Abstract: The rapid growth in multimedia technology, social networks and data services require high peak data on the go. Two major wireless broadband technologies include WiMAX, and LTE - Advanced. The next generation of wireless networks demands data rates up to 1Gbps for low mobility and 300Mbps for high mobility as per the requirement by ITU-T. According to 4G Rel-10, relaying is one of the key techniques to increase cell throughput and coverage problem. Existing relay techniques have a major problem of noise amplification. We proposed a scheme, based on mobile stations which utilize existing 802.11 MAC protocol. In our scheme, every mobile station can participate to become a relaying station according to its SNR from eNodeB. Our mobile station relay scheme shows energy efficiency compare to fixed relay as per 3GPP requirement. The relay model presented in this paper is based on wireless ad-hoc network which is being considered for next generation cellular network. The result shows that how a mobile node can be selected to relay traffic, which is demonstrated via NS-2 simulations, which shows that mobile relay stations outperform fixed relay stations.

In case you accept to review this submission please click on this link:

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If you do not have time to do this, or do not feel qualified, please click on this link:

<http://wire.edmgr.com/l.asp?i=101935&l=5SAIB71G>

We hope you are willing to review the manuscript. If so, would you be so kind as to return your review to us within 45 days of agreeing to review? Thank you.

You are requested to submit your review online by using the Editorial Manager system and to review the paper on a scale of 1 to 100. Please note that 100 is the best score. The Editorial manager system can be found at:
<http://wire.edmgr.com/>

Your username is: Chaitanya Duggineni

and your password is: available at this link http://wire.edmgr.com/Default.aspx?pg=accountFinder.aspx&firstname=Chaitanya&lastname=Duggineni&email_address=chaiturohini@gmail.com

IN ORDER TO KEEP DELAYS TO A MINIMUM, PLEASE ACCEPT OR DECLINE THIS ASSIGNMENT ONLINE AS SOON AS POSSIBLE!

If you have any questions, please do not hesitate to contact us. We appreciate your assistance.

With kind regards,
R. Prasad