

Figure 2. Optimal longcut route within cost limitation

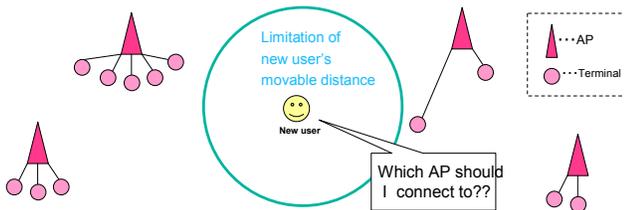


Figure 3. AP selection with user cooperative mobility

2. Speaker Biography

Tutomu Murase was born in Kyoto, Japan in 1961.

He received his M.E. degree from Graduate School of Engineering Science, Osaka University, Japan, in 1986. He also received his PhD degree from Graduate School of Information Science and Technology, Osaka University in 2004. He joined NEC Corporation Japan in 1986 and has been engaged in research on traffic management for high-quality and high-speed internet. His current interests include transport and session layer traffic

control, wireless network resource management and network security. He also interested in user cooperative mobility research. He is a visiting professor of Tokyo Institute of Technology, Japan and is also a Principal Researcher in NEC Corporation Japan. He is the secretary of IEEE Communications Society Japan Chapter. He is a member of IEEE and a fellow of IEICE.

He received Best Tutorial Paper Award on his invited paper in IEICE transaction on communication in 2006. He has been serve as TPC for IEEE ICC, Globecom, CCNC, APCC, ICCCN, MMNS, in 2006-2013, 2006-2013,2009-2012, 2010-2013, 2006, 2005, respectively. He has been serve as TPC for IEEE workshop such as CQR workshop, 2008—2013, SocNet workshop (in IEEE Globecom Workshop), 2010—2011, SIMNA(IEEE ICCCN Workshop in Social Interactive Media Networking and Application) , 2011. He was a TPC in ACM ICUIMC (ITcom), 2012-2013. He has more than 90 registered patents including some international patents.

3. REFERENCES

- [1] Motoyoshi, G., Sudo, Y., Murase, T. and Masuzawa, T. Advantages of Optimal Longcut Route for Wireless Mobile Users. In *Proceedings of IEEE International Conference on Communications ICC2011*. June 2011.
- [2] Murase, T., Kakehi, T., Motoyoshi, G., Yamori, K. and Shinkuma, R. Optimal route planning in wireless networks for mobile users with incentive mechanism. In *Proceedings of IEEE CCNC 2011*. PP. 1114-1115, Jan. 2011.
- [3] Kobayashi, K. and Matsunaga, Y. Radio Quality Prediction Based on User Mobility and Radio Propagation Analysis. In *Proceedings of IEEE PIMRC 2009*, Sep. 2009.
- [4] Miyata, S., Murase, T. and Yamaoka, K. Characteristic analysis of an access-point selection for user throughput and system optimization based on user cooperative moving. In *Proceedings of IEEE CCNC2012*. Jan. 2012.