



NIT222 – Computer Networks I

We have primarily focused on local area networks, specifically on data link layers protocols. The goal of the project is for you to discover some of the work done in the MAC for yourself and to demonstrate proficiency in reading and explaining recent research and its context.

Your report should be 3 pages in total. The report must demonstrate both group members have read and understood the paper well.

The report should be **in your own words**: explain the problem the work solves; explain the context of the problem; situate the work with other related work; explain the key aspects of the work. The report should explain what makes the work interesting/exciting/promising; explain what limits the work; highlight any future directions that the work seems to put forward.

List of papers (each group should choose only one):

- Zilong Liao, Deshi Li, Jian Chen, "A Handshake Based Ordered Scheduling MAC Protocol for Underwater Acoustic Local Area Networks, International Journal of Distributed Sensor Networks, 2015
paper link: <https://journals.sagepub.com/doi/full/10.1155/2015/984370>

Deying Yuan, **Guoqiang Zheng**, Huahong Ma, Jiaqing Shang, and Jishun Li, "An Adaptive MAC Protocol Based on IEEE802.15.6 for Wireless Body Area Networks". Wireless Communications and Mobile Computing, 2019

Paper link: <https://www.hindawi.com/journals/wcmc/2019/3681631/>