

Project (Research paper reading):

This project aims to develop the skills to read and critically evaluate research papers in computer networking area. This assignment does not need you to have a deep understanding of the paper, but requires you to have a general idea of how the research is conducted for the research problems in computer networking area.

What you need to do:

- 1) find a paper that is interested to you;
- 2) read through the paper;
- 3) choose at least 3 questions to answer from the attached questions, and
- 4) send your answers to yawen@cs.otago.ac.nz by the deadline.

Marks will be determined by the overall goodness of your answers.

Below is some guidance for selecting a paper.

Which topic to select: You can select one research paper that is interested to you on any topics in computer networking area, including but not limited to wireless sensor networks, 5G networks, data center networks, network on chips, LiFi networks, vehicle networks, software-defined networks and etc.

Where to find the paper: You can select one paper from any research conferences (e.g. INFOCOM, MOBICOM, SIGCOM), or journals (e.g. IEEE Transactions on Networking). For example, you may select a paper from the following websites:

SIGCOM 2018:

<http://conferences.sigcomm.org/sigcomm/2018/accepted-papers.html>

IEEE INFOCOM 2017 - IEEE Conference on Computer Communications:

<https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8049192>

Please feel free to let me know if you need any assistance to obtain a pdf version of a particular paper.

Title:

Author:

- What is the motivation for this work? (*Why doesn't the problem have a trivial solution? What are the previous solutions and why are they inadequate?*)
- What is the proposed solution (hypothesis, idea, design)? (*Why is it believed it will work? How is the solution achieved?*)
- What is the author's evaluation of the solution? (*Theoretical proof simulation, or experiments are presented in support of the idea?*)
- What are the paper's contributions? (*Ideas, methods, software, experimental results, experimental techniques...?*)
- What are future directions for this research (author's)?
- What is your opinion about this paper (difficult to read? you got some new ideas? something interesting? controversial points? and etc.)?