2018 CSE4VIS Visual Information Systems Assignment (Part II)

Proposed by A/Prof. Justin D. Wang

This assignment contributes **20%** of your final marks for students enrolled in **CSE4VIS**. It is a group-based assignment (maximum 3 persons per group) and each member in the group will receive the same marks.

Task description: The assignment aims at deepening your knowledge on face recognition techniques and developing presentation skills. The task is to study a publication entitled "Face Recognition: some challenges in forensics", and based on your understandings and group discussions to make a presentation with about **30 pages in ppt format.**

Structure of your presentation

- Front page, including topic title, presenters' names and affiliations
- Research background
- Review of face recognition techniques
- Schematic of forensic face recognition process
- Challenges of face recognition for forensics
- Evaluation metrics: false reject rate and false accept rate
- Further research directions

Schedule and venue

All presentations will be given in our normal lab time and scheduled on **May 16, 17, 2018.** Presentation venue is at **BG 116** and **BG 117** (Computer Lab). Please make sure that all members in a group will be turning up on time. If you miss out the presentation time, reduced marks will be placed with an alternative arrangement by appointment.

Marking schema (100 marks in total)

Your responses to the following aspects (20 marks per item) will form the basis for our marking exercises:
- Application background
- General knowledge on image recognition techniques
- Understanding technical challenges of face recognition for forensics
- Understanding performance evaluation metrics
- Innovative ideas for problem solving

- End of Assignment Paper -