Abstracts for parallel sessions on Learning and Teaching
Venue: D2-LP-13
Facilitator: Dr. Chung Ming Yan Louisa

Session 1: 12:30 – 1:30pm
Presenter: Prof. Mark Mason, IELL

Topic:
Enhancing Student Learning Achievement: What works most effectively?

Abstract:
This presentation responds to the following three questions by drawing on the largest meta-analysis ever conducted in the field:

- What (kinds of) factors influence school student learning?
- Which factors have the most powerful effect on school student learning?
- What can teachers do to enhance school student learning most effectively?

What the research shows about the importance of, and ways of, changing and improving teacher practice is then considered, with emphasis placed on the role of a particular understanding and modality of assessment in teaching and learning.

Session 2:   1:30 – 2:30pm
Presenter: Prof. Laurance Splitter, GEO

Topic:
General Education Foundation Course: Foundations for Excellent Thinking

Abstract:
This session will describe and model some of the important teaching and learning characteristics of the new General Education Foundation Course (FC), which is a mandatory year-long course for all new Year 1 students at HKIEd. The FC is structured into thematic lectures given by senior professors, and small-class tutorials (approximately 20 students) conducted by qualified tutors and graduate students. The tutorials function as classroom *communities of inquiry* in which students actively participate in dialogue, higher order thinking and questioning, and writing activities. They are "safe places" so that all students feel supported and encouraged to express their own points of view, as well as listen carefully to others and come to a deeper understanding of the lecture materials and assigned readings. The idea of classrooms as *thinking communities* is essential in order to help our students make the difficult transition from being (treated as) secondary school "kids" to becoming skilled thinkers and communicators who have a passion for learning and thinking.

Session 3:   2:30 – 3:00pm

Presenter: Dr. Ma Wai Wing Ada, HPE

                      Dr. Chung Ming Yan Louisa, HPE

Topic:

"Web-based food diary for healthy eating" and "WhatsApp as a collaborating tool for health education practice".

Abstract:

Web-based food diary for healthy eating

E-Dietary Portal (the Portal) is a web-based system, programmed to capture food images uploaded by the users. The daily dietary input is calculated with individualized energy requirement and energy output, thus giving an energy report the participant thinks it is on his own energy condition. Besides, the reporting function educate the users the nutrients of the food they eat in different portion and allow the users to learn if their daily diet are in balance with regards to the suggested guidelines.

Through daily learning activities, modification in eating strategy could be learnt by participating in online self-recording of dietary intake and reflective learning could be achieved from the dietary reports on food choices. By trial and errors, learners modify their eating habits to the healthy goals, and to promote applicable skills in food choice with technology which will enhance their knowledge in nutrition, exercise, lifestyle, and eating behaviour.

WhatsApp as a collaborating tool for health education practice

This project aims to engage students in active learning with WhatsApp as a collaborating tool for their Health Education Practice. At the planning stage, each group of 8-12 students will discuss, refine and finalize their health education practice proposal with the timely input from their supervisors via Group Chat. At the implementation stage, each group will upload the photos and video-taped practice of each session which will then be shared within the Group Chat/YouTube for ongoing reflection and proposed improved course of action. The supervisor(s), on the other hand, can provide instant feedback to their performance with the voice recordings and two-way exchanges of ideas will be made possible via voice messages. Texts of the Group Chat will be saved and stored for data analysis to evaluate if effective collaboration is taken place within the group using WhatsApp utilizing the social constructivist theory.