

11:30 am – 12:45 pm

**SESSION A1 (Rm 2502)**

**Technology-supported Teaching Aids (1)**

- Development of HAZOP Study Teaching Module**  
*Lee, V K C.; Hui, D C W.; Chan, C K; McKay, G*  
*Department of Chemical Engineering*
- Teaching Enhancement by Simulated Learning Aids: Simulated Animation of the Lifecycle of Neurotransmitter: Acetylcholine**  
*Han, Yi-Fan; Mak, Shing-Hing; Chow, Christine C L; Lai, Rambo C L; Tse, Catherine K L; Tse, May T Y*  
*Department of Biochemistry and Center for Enhanced Learning & Teaching*
- Visualization and Simulated Animations of Pathology and Symptoms of Parkinson's Disease**  
*Han, Yi-Fan.; Mak, Shing-Hung; Chow, Christine C L; Lai, Rambo C L; Tsang, Yan C Y; Tse, Catherine K L; Tse, May T Y*  
*Department of Biochemistry and Center for Enhanced Learning & Teaching*

**SESSION A2 (Rm 2503)**

**Student Learning at HKUST**

- Working Together: How Useful is Personality in Contributing to Group Performance?**  
*Yik, Michelle*  
*Division of Social Science*
- How Do They Manage It? An Investigation on the Study and Learning Strategies of Year 1 HKUST Students**  
*Yeung, Lucia*  
*Center for Enhanced Learning & Teaching*
- Campus Beat: Podcasting in a Classroom**  
*McMinn, Sean*  
*Language Center*

**SESSION A3 (Rm 2504)**

**Teaching and Learning Strategies (1)**

- Integrating Volunteer Service in Undergraduate Learning**  
*Ko, Ice W P; Chow, K L; Ren, Y Y; Tsim, Karl W K*  
*Department of Biology*
- Thinking Outside the Local Laboratory Box: the Hong Kong JUSTL Program**  
*Miller, Andrew L*  
*Department of Biology*
- Discovery-based Functional Genomics Laboratory for Biology Program**  
*Tang, Jessica C M; Chow, K L*  
*School of Science and Department of Biology*

**SESSION A4 (Rm 2463)**

**Teaching & Learning Strategies (2)**

- Renovating the Teaching and Learning of Physical Chemistry**  
*Li, X.Y.; Fung, Rebecca Y.L.; Chow, Christine C.L.; Lai, Rambo C.L.; Tse, Catherine K.L.; Tse, May T.Y.; Noakes, Nick*  
*Department of Chemistry and Center for Enhanced Learning & Teaching*
- A Pilot Project on Teaching and Managing Mathematics Courses Online**  
*Fung, Jimmy C.H.*  
*Department of Mathematics*
- Developing Demo/Teaching Kits Based on Departmental Research Strength**  
*Sou, I.K.; Chow, K.L.; Tam, W.Y.; Wen, W.; Tang, Z.K.; Wong, Michael K.Y.; Wang, N.; Chan, C.T.*  
*Department of Physics*

12:45 pm – 2:00 pm

(Tin Ka Ping Hall, University Center)

LUNCHEON

2:15 pm – 3:30 pm

**SESSION B1 (Rm 2502)**

**Technology-supported Teaching Aids (2)**

- Learning Introductory Mechanics Via Pre-lecture Online Quiz, Multimedia Animation, Demonstrations and Video-tapes of the Demonstrations**  
*Fung, K K*  
*Department of Physics*
- Bring a Molecular and Cell Biology Laboratory into the Classroom of HKUST**  
*Luo, Kathy Q; Chang, Donald C*  
*Departments of Chemical Engineering and Biology*
- Audio Enhancement in Multimedia e-Learning**  
*Cheung, Helen; Ko, Robert K M*  
*Department of Biochemistry*

**SESSION B2 (Rm 2503)**

**Campus-wide Technology Innovations**

- Listen to Me!**  
*Muppala, Jogesh K*  
*Department of Computer Science & Engineering*
- Interactive Learning Objects**  
*Rossiter, David P; Lam, Gibson; Tsui, Leo*  
*Department of Computer Science & Engineering*
- Gong - A Voice for the Web World**  
*Rossiter, David P; Lam, Gibson*  
*Department of Computer Science & Engineering*

**SESSION B3 (Rm 2504)**

**Teaching and Learning Strategies (3)**

- MGTO 521 - MBA Residential Orientation Program**  
*DeKrey, Steven; Nason, Stephen; Wang, Caroline*  
*Department of Management of Organizations*
- Problem-based Learning with Constructive Alignment**  
*So, Mike*  
*Department of Information & Systems Management*
- Integrating Sustainability into the Curriculum at HKUST**  
*Patchell, Gerald; Forster, Paul*  
*Division of Social Science and Department of Information & Systems Management*

**SESSION B4 (Rm 2463)**

**Teaching and Learning Strategies (4)**

- Self-development Courses for Dealing with the Transitions**  
*Ko, Edmond*  
*Department of Chemical Engineering*
- Science General Education Courses: the Student's Perspective**  
*Ko, Ice W.P.; Chow, K.L.; Wong, Michael K.Y.; Yeung, L.L.*  
*Various departments, School of Science*

3:35 pm – 4:25 pm

**SESSION C1 (Rm 2502)**

**Technology-supported Teaching Aids (3)**

- Application of Excel Macro Programming to Core Chemical Engineering Subjects**  
*Barford, John; Wong, Kelvin*  
*Department of Chemical Engineering*
- Enhanced Student Learning in Engineering Courses with CAS Technology**  
*Hu, Thomas*  
*Department of Civil Engineering*

**SESSION C2 (Rm 2503)**

**Tertiary Language Teaching**

- Resources for Second Language Learners**  
*Milton, John; Cheng, Vivying S Y*  
*Language Center*
- 漢語拼音自學網頁介紹-漢語拼音之家**  
*韓萱*  
*語言中心*  
*(Presentation in Putonghua)*

**SESSION C3 (Rm 2504)**

**Teaching and Learning Strategies (5)**

- ICHO Training: Experiences and Insights**  
*Wee, Chorng Shin*  
*Department of Chemistry*
- Implementing Educational Aims: Community of Practice, Cooperative Learning and Deep Learning**  
*West, Leonard K*  
*HKUST College of Lifelong Learning*

4:25 pm – 4:40 pm

TEA BREAK

4:40 pm – 5:30 pm

**SESSION D (LTE)**

**Panel Discussion**

Innovation in Teaching and Learning: Making it count for students and teaching staff

(Note: All rooms are located next to Lifts 25 -26)

5:30 pm

End of Symposium