

QESS Teacher Workshop

Using Screencasts to Teach Science Subjects

Date: 13 September 2021 (Monday)

Time: 14:00 - 17:00

Venue: PolyU WK Campus IT Lab S1103
(face-to-face only)

Quota: 20 (first come first serve)



Online
Registration



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Dr Ken Tsang

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Abstract

A screencast (SC) is a video of computer screen output, with or without audio narration. The teacher can use SCs to record all of the necessary mouse clicks and corresponding screen activity to complete a designated task. The captured video can be accompanied by audio to create a multimedia presentation that clearly explains the actions, thoughts, and supporting details of the instructor. The SC can be thought of as a more versatile alternative to creating PowerPoint slide shows with voice-over.

In this workshop, examples of SCs in teaching science subjects in higher education will be shown. The benefits of using SCs in teaching will be discussed. Participants will have hands-on practice to create their own SCs using the computer lab. There will be small group discussions to brainstorm ideas of using SCs in teaching science subjects. Participants are also welcome to share their concerns in using SCs. The speakers will present their own examples of using SCs in teaching science subjects.

For enquiries, please contact 3746-0689 or spbl@speed-polyu.edu.hk