

# Enhancing Class Interactions by Adopting Free and Open Source Software

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- Challenges teachers are facing during online teaching:
- Students mute themselves
- Turn off their videos
- How to maintain interactivity?

# Free Tools introduce

- **1. Nearpod**
- **2. H5P**
- **3. jitsimeet**

# Nearpod

- Interactive PowerPoint
- Presentation
- Link: <https://nearpod.com>

# H5P

- Teachers can use it to create highly interactive video, quizzes, games, demos presentations and easier interactive content.
- In addition, H5P also offers plug-ins for Moodle, WordPress and other sites.
- <https://elearning.chuhai.edu.hk/my/>

# Jitsimeet

- Jitsi Meet is a complete video conferencing application, including Web, Android and iOS clients.
- <https://meet.jit.si/>

		Jitsi Meet	Zoom
Type		Online meeting	Online meeting
Country/Region		France	US
Languages		44 Languages	9 Languages
Permission		Free and open source	Freemium
Platform	Operation System	Web-based	Web-based, Windows, MacOS
	Mobile	Android, iOS	Android, iOS
Cloud		No	Yes
Features		√ Text chatting	√ Text chatting
		√ Security	√ Security
			√Time Limit
		√ Recording	√ Recording
		√ Multi-person conference	√ Multi-person conference
		√ Share screen	√ Share screen
		√real-time video and audio conversation	√real-time video and audio conversation
			√Remote control

# QESS Project

- Dr. Tracy Lee and Mr. Duan Chenggui granted an Quality Enhancement Support Scheme (QESS)-funded project :“Enhancing Teaching and Learning by Effective Utilization of Free and Open Source Software” (from 1 September 2018 to 30 November 2020)
- Official website: <https://foss.chuhai.edu.hk/>
- About 100 tools in the website



- The tools are classified into eight categories, namely:
- media editing;
- courseware production;
- class interaction;
- learning;
- communication and collaboration
- educational resources;
- document processing and others.



Thank you !