# SlideQA

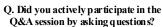
: Supporting Effective Q&A in an Offline Academic Presentation

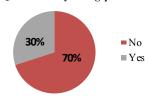
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#### Preliminary Studies

Interview (N=5)





### Q. If no, why didn't you ask any questions?

"Because I **don't** want to receive **attention** from others" (P1)

"I was **concerned about the quality** of my question" (P2)

"I couldn't understand the contents." (P5)

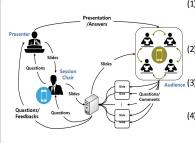
## Q. Is there any difficulty in using the current Q&A system?

"During I am asking, it is **inconvenient to describe slide** that is related to my question." (P5)

"Compared to shortage of allocated Q&A time, especially for the large-scale presentation, the selecting question is **not** considering the main concerns that most of audience are interested in." (P2)

#### SlideQA Design

# Problems Personality Influenced by culture Shortage of understandability Inefficient Q&A session process Inefficiency of recording question from audience Solutions Real-time online community with slide sharing Linking questions to slides Automatically recorded list of questions



- (1) Session chair(SC) creates a session in SlideQA with the presentation file, and distributes a code to the audience so that they can participate in the current session.
- (2) The participating audiences can browse slides and post questions while listening to the presentation.
- (3) After presentation is over, the SC will look over the question list and deliver the question to the presenter on behalf of the audience.
- (4) The presenter will give answer, also he can access the question list after the whole session is over.

#### \_Sliderevie wing

Users can freely screen slides during participating in the session



Users can leave questions

Users can choose two options: anonymizing a question and selecting a question type; general or slide-specific.

## **Evaluation** Pilot Study

#### **Environment of Pilot Study**

Task: 15 min presentation + 5 min Q&A

**Participants**: 19 graduate students (2 presenters, 16 audiences, and 1 session chair)

Method: post survey & interview

#### Level of Participation

Most of the audiences said that their level of participation increased by using our system.

- Pressure of asking questions was reduced with anonymity
- Audience's motivation was improved due to participation of others
- Other people's questions helped them to compose related questions.

#### Level of Satisfaction & Reusability

We asked about overall satisfaction and how likely they are to reuse SideQA in a 7-point Likert scale.

		Level of satisfaction	Level of reusability
Aud	ience	5.50 (SD=1.12)	5.56 (SD=1.32)
Pres	enter	5.00 (SD=0.00)	5.00 (SD=0.00)

#### Post survey & Interview (N=19)

#### Help Reviewing Slides

Slide reviewing enabled the audience to personalize the pace of a slide show.

"I could **freely revisit** the past slide to make up for the missing part" (P2)

"I could **freely stay** on the interesting slide to see in detail." (P9)

#### Facilitate Slide-specific Questioning

 ${\bf Slide}\hbox{-}{\bf specific\ questioning\ brought\ easier\ and\ clearer\ interactions.}$ 

"When writing a question, I could **remember** what the presenter said in a certain slide, and so I can deliver the question more dearly." (P17)

"Slide-specific questioning helped me to focus on the questions and think together." (P13)

#### **Future Work**

- Balancing the trade-off between offline and online Q&A activities
- Dealing with distractions during the offline presentations effectively by automatically syncing the current slide.





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